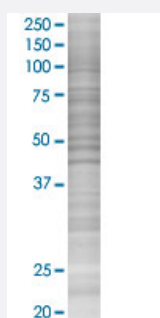


# C1QC 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000714-T02

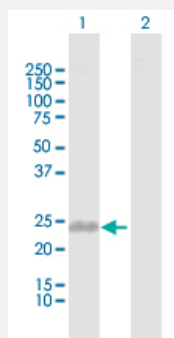
Size 100 uL

## Applications



### SDS-PAGE Gel

C1QC transfected lysate.



### Western Blot

Lane 1: C1QC transfected lysate ( 25.80 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-C1QC full-length

**Host** Human

**Theoretical MW (kDa)** 25.8

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-C1QC antibody ([H00000714-D01](#)) by Western Blots.  
 SDS-PAGE Gel  
 C1QC transfected lysate.  
 Western Blot  
 Lane 1: C1QC transfected lysate ( 25.80 KDa)  
 Lane 2: Non-transfected lysate.

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Storage Instruction</b> | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |

## Applications

- Western Blot

## Gene Info — C1QC

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>       | <a href="#">714</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>GeneBank Accession#</b> | <a href="#">NM_172369</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Accession#</b>  | <a href="#">NP_758957.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Name</b>           | C1QC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Alias</b>          | C1Q-C, C1QG, FLJ27103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Description</b>    | complement component 1, q subcomponent, C chain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Omim ID</b>             | <a href="#">120575</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Ontology</b>       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Summary</b>        | This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. A deficiency in C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N-terminus, and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the C-chain polypeptide of human complement subcomponent C1q. Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq] |
| <b>Other Designations</b>  | OTTHUMP00000002932 OTTHUMP00000002933 OTTHUMP00000037922 complement C1q subcomponent subunit C complement component 1, q subcomponent, gamma polypeptide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Pathway

- [Complement and coagulation cascades](#)
- [Prion diseases](#)

- [Systemic lupus erythematosus](#)

## Disease

- [Amyloid Neuropathies](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)