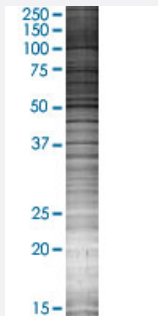


CSF3R 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001441-T02

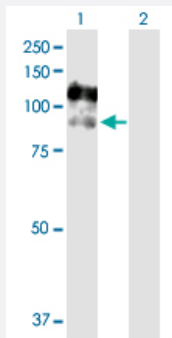
Size 100 uL

Applications



SDS-PAGE Gel

CSF3R transfected lysate.



Western Blot

Lane 1: CSF3R transfected lysate (92.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CSF3R full-length

Host Human

Theoretical MW (kDa) 92.2

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CSF3R antibody ([H00001441-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 CSF3R transfected lysate.
 Western Blot
 Lane 1: CSF3R transfected lysate (92.2 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CSF3R

Entrez GeneID[1441](#)**GeneBank Accession#**[NM_000760.2](#)**Protein Accession#**[NP_000751.1](#)**Gene Name**

CSF3R

Gene Alias

CD114, GCSFR

Gene Description

colony stimulating factor 3 receptor (granulocyte)

Omim ID[138971](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Four transcript variants encoding four different isoforms have been found for this gene, with three of the isoforms being membrane-bound and the other being secreted and soluble. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia. [provided by RefSeq]

Other Designations

CD114 antigen|OTTHUMP00000009703|OTTHUMP00000009704|OTTHUMP00000009705|colony stimulating factor 3 receptor|granulocyte colony stimulating factor receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)

- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Acute Disease](#)
- [Anemia](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Cell Transformation](#)
- [Chronic Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Myelodysplastic Syndromes](#)
- [Neutropenia](#)
- [Respiratory Syncytial Virus Infections](#)