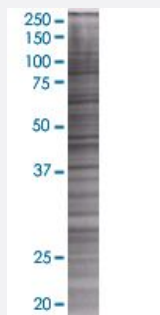


COQ4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051117-T01

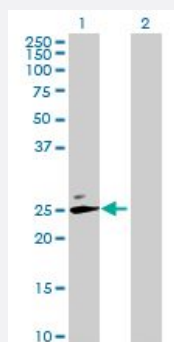
Size 100 uL

Applications



SDS-PAGE Gel

COQ4 transfected lysate.



Western Blot

Lane 1: COQ4 transfected lysate (29.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-COQ4 full-length
Host	Human
Theoretical MW (kDa)	29.7
Interspecies Antigen Sequence	Mouse (81); Rat (80)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-COQ4 antibody ([H00051117-B01](#)) by Western Blots.
SDS-PAGE Gel
COQ4 transfected lysate.
Western Blot
Lane 1: COQ4 transfected lysate (29.7 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 — COQ4

Entrez GeneID

[51117](#)

GeneBank Accession#

[BC011895](#)

Protein Accession#

[AAH11895.1](#)

Gene Name

COQ4

Gene Alias

CGI-92

Gene Description

coenzyme Q4 homolog (S. cerevisiae)

Gene Ontology

[Hyperlink](#)

Gene Summary

Coenzyme Q (CoQ) is a small lipophilic molecule that transports electrons between mitochondrial respiratory chain complexes and functions as a cofactor for mitochondrial enzymes. COQ4 is an enzyme involved in CoQ biosynthesis (Casarin et al., 2008 [PubMed 18474229]).[supplied by OMIM]

Other Designations

OTTHUMP00000022262|coenzyme Q4 homolog