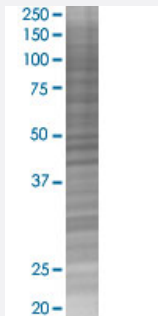


COG2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00022796-T02

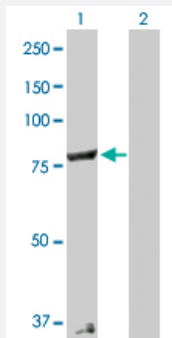
Size 100 uL

Applications



SDS-PAGE Gel

COG2 transfected lysate.



Western Blot

Lane 1: COG2 transfected lysate (83.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-COG2 full-length
Host	Human
Theoretical MW (kDa)	83.2
Interspecies Antigen Sequence	Mouse (85); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-COG2 antibody ([H00022796-D01P](#)) by Western Blots.
SDS-PAGE Gel
COG2 transfected lysate.
Western Blot
Lane 1: COG2 transfected lysate (83.20 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 — COG2

Entrez GeneID[22796](#)**GeneBank Accession#**[NM_007357.1](#)**Protein Accession#**[NP_031383.1](#)**Gene Name**

COG2

Gene Alias

LDLC

Gene Description

component of oligomeric golgi complex 2

Omim ID[606974](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi complex. The encoded protein specifically interacts with the USO1 vesicle docking protein and may be necessary for normal Golgi ribbon formation and trafficking of Golgi enzymes. Mutations of this gene are associated with abnormal glycosylation within the Golgi apparatus. Alternative splicing results in multiple transcript variants

Other Designations

OTTHUMP00000035875|brefeldin A-sensitive, peripheral Golgi protein|conserved oligomeric Golgi complex protein 2|low density lipoprotein receptor defect C complementing|transcript ch4822

Disease

- [Alzheimer disease](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Myocardial Infarction](#)
- [Stroke](#)