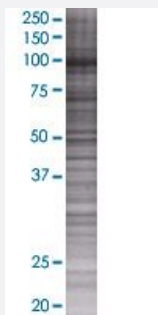


# COG1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009382-T01

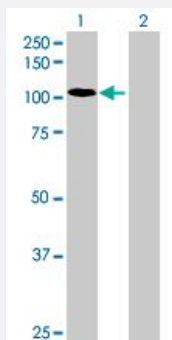
Size 100 uL

## Applications



### SDS-PAGE Gel

COG1 transfected lysate.



### Western Blot

Lane 1: COG1 transfected lysate ( 109 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-COG1 full-length

**Host** Human

**Theoretical MW (kDa)** 109

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-COG1 antibody ([H00009382-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 COG1 transfected lysate.  
 Western Blot  
 Lane 1: COG1 transfected lysate ( 109 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 — COG1

**Entrez GeneID**[9382](#)**GeneBank Accession#**[NM\\_018714](#)**Protein Accession#**[NP\\_061184](#)**Gene Name**

COG1

**Gene Alias**

CDG2G, DKFZp762L1710, KIAA1381, LDLB

**Gene Description**

component of oligomeric golgi complex 1

**Omim ID**[606973 611209](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is one of eight proteins (Cog1-8) which form a Golgi-localized complex (COG) required for normal Golgi morphology and function. It is thought that this protein is required for steps in the normal medial and trans Golgi-associated processing of glycoconjugates and plays a role in the organization of the Golgi-localized complex. [provided by RefSeq]

**Other Designations**

conserved oligomeric Golgi complex protein 1|low density lipoprotein receptor defect B complementing