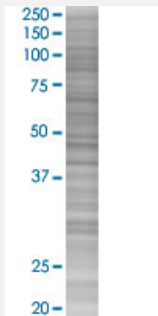


ALG13 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00079868-T02

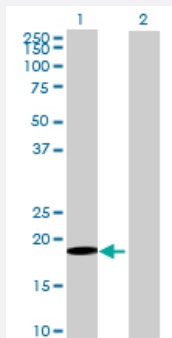
Size 100 uL

Applications



SDS-PAGE Gel

CXorf45 transfected lysate.



Western Blot

Lane 1: CXorf45 transfected lysate (18.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Product Description

Transfected Cell Line	293T
Plasmid	pCMV-GLT28D1 full-length
Host	Human
Theoretical MW (kDa)	18.2

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GLT28D1 antibody ([H00079868-B01](#)) by Western Blots.
SDS-PAGE Gel
CXorf45 transfected lysate.
Western Blot
Lane 1: CXorf45 transfected lysate (18.20 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 — ALG13

Entrez GeneID

[79868](#)

GeneBank Accession#

[NM_018466](#)

Protein Accession#

[NP_060936](#)

Gene Name

ALG13

Gene Alias

CXorf45, FLJ23018, GLT28D1, MDS031, MGC12423, YGL047W

Gene Description

asparagine-linked glycosylation 13 homolog (S. cerevisiae)

Gene Ontology

[Hyperlink](#)

Gene Summary

Asparagine (N)-glycosylation is an essential modification that regulates protein folding and stability. ALG13 and ALG14 (MIM 612866) constitute the UDP-GlcNAc transferase, which catalyzes a key step in endoplasmic reticulum N-linked glycosylation (Averbeck et al., 2007 [PubMed 17686769]).[supplied by OMIM]

Other Designations

OTTHUMP00000062812|OTTHUMP00000176862|asparagine-linked glycosylation 13 homolog|glycosyltransferase 28 domain containing 1|hematopoietic stem/progenitor cells protein MDS031

Pathway

- [Metabolic pathways](#)

- [N-Glycan biosynthesis](#)