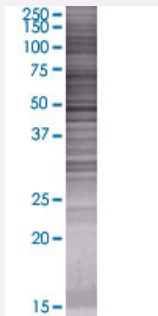


ALG1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056052-T01

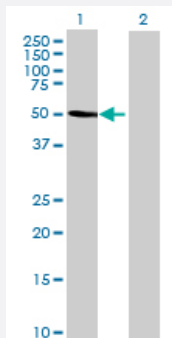
Size 100 uL

Applications



SDS-PAGE Gel

ALG1 transfected lysate.



Western Blot

Lane 1: ALG1 transfected lysate (51.15 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ALG1 full-length
Host	Human
Theoretical MW (kDa)	51.15
Interspecies Antigen Sequence	Mouse (80)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ALG1 antibody ([H00056052-B01](#)) by Western Blots.
SDS-PAGE Gel
ALG1 transfected lysate.
Western Blot
Lane 1: ALG1 transfected lysate (51.15 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 — ALG1

Entrez GeneID

[56052](#)

GeneBank Accession#

[NM_019109.3](#)

Protein Accession#

[NP_061982.3](#)

Gene Name

ALG1

Gene Alias

HMAT1, HMT-1, HMT1

Gene Description

asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae)

Omim ID

[605907 608540](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The enzyme encoded by this gene catalyzes the first mannosylation step in the biosynthesis of lipid-linked oligosaccharides. This gene is mutated in congenital disorder of glycosylation type Ik. [provided by RefSeq]

Other Designations

GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase|GDP-mannose-dolichol diphosphochitobiose mannosyltransferase|asparagine-linked glycosylation 1 homolog (yeast, beta-1,4-mannosyltransferase)|beta-1,4 mannosyltransferase|beta-1,4-mannosyltransferase|chitobio

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)