ALG6 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	ALG6, Lysate
Full Product Name	Human ALG6 Protein Lysate
Product Gene Name	ALG6 lysate
Product Synonym Names	ALG6; CDG1C; CDG1C
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	58kDa
OMIM	604566
3D Structure	ModBase 3D Structure for Q9Y672
Related Product Information for ALG6 lysate	Human ALG6 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of ALG6 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ALG6 purchase	MBS137128 is a lysate targeting ALG6. Also known as Human ALG6 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ALG6. It may not necessarily be applicable to this product.

NCBI GI #	38026892
NCBI GeneID	29929
NCBI Accession #	NP_037471
UniProt Primary Accession #	Q9Y672
UniProt Related Accession #	Q9Y672
GenBank Nucleotide #	NM_013339
NCBI Official Full Name	dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase
NCBI Official Synonym Full Names	ALG6 alpha-1,3-glucosyltransferase
NCBI Official Symbol	ALG6
NCBI Official Synonym Symbols	CDG1C
UniProt Protein Name	Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase
UniProt Synonym Protein Names	Asparagine-linked glycosylation protein 6 homolog; Dol-P-Glc:Man(9)GlcNAc(2)-PP-Dol alpha-1,3-glucosyltransferase; Dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase

Protein Family	Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase
UniProt Gene Name	ALG6
UniProt Synonym Gene Names	My046
UniProt Entry Name	ALG6_HUMAN
NCBI Protein Information	dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase
NCBI Summary for ALG6	This gene encodes a member of the ALG6/ALG8 glucosyltransferase family. The encoded protein catalyzes the addition of the first glucose residue to the growing lipid-linked oligosaccharide precursor of N-linked glycosylation. Mutations in this gene are associated with congenital disorders of glycosylation type Ic. [provided by RefSeq, Jul 2008]
Research Articles on ALG6	**1.** ALG6-CDG has been now described in 89 patients.
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