

Recombinant Human ALG13 Protein (S221-D372), His tagged

Cat. No. ALG13-0611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-GG-ALG13(S221-D372) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	S221-D372
Description	The protein encoded by this gene is a subunit of a bipartite UDP-N-acetylglucosamine transferase. It heterodimerizes with asparagine-linked glycosylation 14 homolog to form a functional UDP-GlcNAc glycosyltransferase that catalyzes the second sugar addition of the highly conserved oligosaccharide precursor in endoplasmic reticulum N-linked glycosylation. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.
GENE INFORMATION	
Gene Name	ALG13 asparagine-linked glycosylation 13 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i> (human)]
Official Symbol	ALG13
Synonyms	ALG13; asparagine-linked glycosylation 13 homolog (<i>S. cerevisiae</i>); chromosome X open reading frame 45, CXorf45, GLT28D1, glycosyltransferase 28 domain containing 1; UDP-N-acetylglucosamine transferase subunit ALG13 homolog; FLJ23018; MDS031; YGL047W; glycosyltransferase 28 domain-containing protein 1; hematopoietic stem/progenitor cells protein MDS031; CXorf45; GLT28D1; FLJ31785; MGC12423;
Gene ID	79868
mRNA Refseq	NM_001039210
Protein Refseq	NP_001034299
MIM	300776
UniProt ID	Q9NP73

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