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Datasheet for ABIN7551988
ALG10 Protein (AA 1-473) (His tag)

Overview

Quantity:	1 mg
Target:	ALG10
Protein Characteristics:	AA 1-473
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ALG10 Protein expressed in mammalian cells.
Sequence:	MAQLEGYYFS AALSCTFLVS CLLFSAFSRA LREPYMDEIF HLPQAQRYCE GHFSLSQWDP MITTLPGLYL VSIGVIKPAI WIFGWSEHVV CSIGMLRFVN LLFSVGNFYL LYLLFCKVQP RNKAASSIQR VLSTLTLAVF PTLYFFNFLY YTEAGSMFFT LFAYLMCLYG NHKTSAFLGF CGFMFRQTNI IWAVFCAGNV IAQKLTEAWK TELQKKEDRL PPIKGPFAEF RKILQFLLAY SMSFKNLSML LLLTWPYILL GFLFCAFVVV NGGIVIGDRS SHEACLHFPQ LFYFFSFTLF FSFPHLLSPS KIKTFLSLVW KRRILFFVVT LVSVFLVWKF TYAHKYLLAD NRHYTFYVWK RVFQRYETVK YLLVPAYIFA GWSIADSLKS KSIFWNLMFF ICLFTVIVPQ KLLEFRYFIL PYVIYRLNIP LPPTSRLICE LSCYAVVNFI TFFIFLNKTF QWPNSQDIQR FMW **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

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isoform, please contact us regarding an individual offer.

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ALG10
Alternative Name:	ALG10 (ALG10 Products)
Background:	Dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol alpha-1,2-glucosyltransferase (EC 2.4.1.256) (Alpha-1,2-glucosyltransferase ALG10-A) (Alpha-2-glucosyltransferase ALG10-A) (Asparagine-linked glycosylation protein 10 homolog A),FUNCTION: Adds the third glucose residue to the lipid-linked oligosaccharide precursor for N-linked glycosylation. Transfers glucose from dolichyl phosphate glucose (Dol-P-Glc) onto the lipid-linked oligosaccharide Glc(2)Man(9)GlcNAc(2)-PP-Dol.
Molecular Weight:	55.6 kDa
UniProt:	Q5BKT4

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months