

Datasheet for ABIN7559853

ALG12 Protein (AA 1-486) (His tag)



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Overview

Quantity:	1 mg
Target:	ALG12
Protein Characteristics:	AA 1-486
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG12 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Alg12 Protein expressed in mammalian cells.
Sequence:	MAGKKSSGKR SWPLLGLLVT VATIHLVICP YTKVEESFNL QATHDLLYHQ LDIDKYDHHE FPGVVPRTFL GPLVIAAFSS PVVYVLSLLE VSKFYSQLIV RGVLGGLVIS GLWTLQKEVR QQFGATVAVM FCWISATQFH LMFYCTRTLTP NVLALAVVLP ALTAWLQRRW ALFWWLSAFV IIGFRAELAM LLGIALLLTL YQRRLTVARV LRHAIPAGLL CLGLTVAVDS YFWRYLVWPE GVVLWYNTVL NKSSNWGTSP LLWYFYSALP RGLGCSLLFI PLGAVDRRTY ALALPSLGFV ALYSLPHKE LRFIYTFPV LNIMAARGCT YILNKKSWPY KVRAMLVTGH ILVNVAYTAT SLYVSHFNYP GGVAMQQLHE LVPPQTDVLL HIDVAAAQTG VSRFLQVNDD WRYDKSEVDG AAAMLNYTHI LMEAVPGHPA LYRDTHRVL SIEGTTGISL NLMKLPPFDV NLQTKLVLE RLLRPA 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

Product Details

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.
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ALG12
Alternative Name:	Alg12 (ALG12 Products)
Background:	Dol-P-Man:Man(7)GlcNAc(2)-PP-Dol alpha-1,6-mannosyltransferase (EC 2.4.1.260) (Asparagine-linked glycosylation protein 12 homolog) (Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase) (Mannosyltransferase ALG12 homolog),FUNCTION: Adds the eighth mannose residue in an alpha-1,6 linkage onto the dolichol-PP-oligosaccharide precursor (dolichol-PP-Man(7)GlcNAc(2)) required for protein glycosylation. {ECO:0000250}.
Molecular Weight:	54.5 kDa
UniProt:	Q8VDB2

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

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