

Datasheet for ABIN7552082

ALG12 Protein (AA 1-488) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ALG12
Protein Characteristics:	AA 1-488
Origin:	Human
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:	<p>MAGKGSSGRR PLLLGLLVAV ATVHLVICPY TKVEESFNLQ ATHDLLYHWQ DLEQYDHLEF PGVVPRTFLG PVVIAVFSSP AVYVLSLLEM SKFYSQLIVR GVLGLGVIFG LWTLQKEVRR HFGAMVATMF CWVTAMQFHL MFYCTRTPN VLALPVVLLA LAAWLRHEWA RFIWLSAFAI IVFRVELCLF LGLLLLLALG NRKVSVVRAL RHAVPAGILC LGLTVAVDSY FWRQLTWPEG KVLWYNTVLN KSSNWGTSP LWFYFYSALPR GLGCSLLFIP LGLVDRRTHA PTVLALGFMA LYSLLPHKEL RFIIYAFPM L NITAARGCSY LLNNYKKS WL YKAGSLLVIG HLVVNAAYSA TALYVSHFNY PGGVAMQRLH QLVPPQTDVL LHIDVAAAQT GVSRLQVNS AWRYDKREDV QPGTGMLAYT HILMEAAPGL LALYRDTHRV LASVVGTTGV SLNLTQLPPF NVHLQTKLV L LERLPRPS</p> <p>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.</p>
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.

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) (hALG12) (Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase) (Mannosyltransferase ALG12 homolog) (Membrane protein SB87),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.

Molecular Weight:

54.7 kDa

UniProt:

[Q9BV10](#)

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