

Datasheet for ABIN7552180
ALG6 Protein (AA 1-507) (His tag)



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Overview

Quantity:	1 mg
Target:	ALG6
Protein Characteristics:	AA 1-507
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ALG6 Protein expressed in mammalian cells.
Sequence:	<p>MEKWYLMTVV VLIGLTVRWT VSLNSYSGAG KPPMFGDYEA QRHWQEITFN LPVKQWYFNS</p> <p>SDNNLQYWGL DYPPLTAYHS LLCAYVAKFI NPDWIALHTS RGYESQAHKL FMRTTVLIAD</p> <p>LLIYIPAVVL YCCCLKEIST KKKIANALCI LLYPGLILID YGHFQYNSVS LGFALWGVLG ISCDCDLLGS</p> <p>LAFCLAINYK QMELYHALPF FCLLGKCFK KGLKGKGFVL LVKLACIVVA SFVLCWLPFF</p> <p>TEREQLQVL RRLFPVDRGL FEDKVANIWC SFNVFLKIKD ILPRHIQLIM SFCSTFLSLL</p> <p>PACIKLILQP SSKGKFRTL SVLSCFFLFS FQVHEKSILL VSLPVCLVLS EIPFMSTWFL</p> <p>LVSTFSMLPL LLKDELLMPS VVTTMAFFIA CVTSFSIFEK TSEEELQLKS FSISVRKYLP</p> <p>CFTFLSRIIQ YLFLISVITM VLLTLMTVTL DPPQKLPDLF SVLVCVFSCL NFLFFLVYFN</p> <p>IIIMWDSKSG RNQKKIS</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>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	ALG6
Alternative Name:	ALG6 (ALG6 Products)
Background:	Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase (EC 2.4.1.267) (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),FUNCTION: Adds the first 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 Man(9)GlcNAc(2)-PP-Dol.
Molecular Weight:	58.1 kDa
UniProt:	Q9Y672

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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Application Details

	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