

Datasheet for ABIN7557045
ALG6 Protein (AA 1-507) (His tag)



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Overview

Quantity:	1 mg
Target:	ALG6
Protein Characteristics:	AA 1-507
Origin:	Mouse
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>MESWPWMAVV VLLGLTVRWT VSLSSYSGAG KPPMFGDYEA QRHWQEITLN LPVKQWYFNS</p> <p>SDNNLLYWGL DYPPLTAYHS LLCAYVAKFI NPDWVALHTS RGYESQAHKL FMRATVLAAD</p> <p>LLIYVPAVLL YCYSLKEISP KRKIASALCI LLYPGLILID YGHFQYNSVS LGFALWGVLG</p> <p>VSWDWDLLGS LAFCLALNYK QMELYHSLPF FCFLGKCFK KGLKGKGLAL FIRIACTVLA</p> <p>SFLLCWLPFL TEREHALQVV RRLFPVDRGL FEDKVANIWC SVNVLKIKD TLPRHIQIAI</p> <p>SFCFTLLSLL PACIKLTVRP SCKGFRFTLV SCALSFFLFS FQVHEKSILL VSLPVCLVLT</p> <p>EIPFMSTWFL LVSTFSMLPL LLKDELLPS VVTVMAFVIA CGTFFPMLEN TSEEQLQLKS</p> <p>FAVSVRRHLP GFTFLPRIMQ CLFLSSVITM VLLTILSVTL DPPQKLPDLF PVLICFVSCV</p> <p>NFVFFLVYFN IVIMWDSKNG RNRKKIE</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 (By similarity). {ECO:0000250}.
Molecular Weight:	57.9 kDa
UniProt:	Q3TAE8

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. As the protein has not been tested for 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