

Datasheet for ABIN7552142
ALG9 Protein (AA 1-611) (His tag)



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Overview

Quantity:	1 mg
Target:	ALG9
Protein Characteristics:	AA 1-611
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG9 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ALG9 Protein expressed in mammalian cells.
Sequence:	MASRGARQRL KGSGASSGDT APAADKLREL LGSREAGGAE HRTLSGNKA GQVWAPEGST AFKCLLSARL CAALLSNISD CDETFNYWEP THYLIYGEGF QTWEYSPAYA IRSYAYLLLH AWPAAFHARI LQTNKILVfy FLRCLLAFVS CICELFYKA VCKKFGLHVS RMMLAFLVLS TGMFCSSSAF LPSSFCMYTT LIAMTGWYMD KTSIAVLGVA AGAILGWPFs AALGLPIAFD LLVMKHRWKS FFHWSLMALI LFLVPVVID SYYYGKLvia PLNIVLYNVF TPHGPDLYGT EPWYFYLING FLNFNVAfal ALLVLPLTSL MEYLLQRFHV QNLGHPYWLT LAPMYIWFII FFIQPHKEER FLFPVYPLIC LCGAVALSAL QKCYHFVFQR YRLEHYTVTS NWLALGTVFL FGLLSFSRSV ALFRGYHGpL DLYPEFYRIA TDPTIHTVPE GRPVNVCVGK EWYRFPSSFL LPDNWQLQFI PSEFRGQLPK PFAEGPLATR IVPTDMNDQN LEEPSRYIDI SKCHYLVOLD TMRETPREPK YSSNKEEWIS LAYRPFLDAS RSSKLLRAFy VPFLSDQYTV YVNYTILKPR KAKQIRKKSG G 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.

Characteristics:	<p>Key Benefits:</p> <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
Grade:	custom-made

Target Details

Target:	ALG9
Alternative Name:	ALG9 (ALG9 Products)
Background:	Alpha-1,2-mannosyltransferase ALG9 (EC 2.4.1.259) (EC 2.4.1.261) (Asparagine-linked glycosylation protein 9 homolog) (Disrupted in bipolar disorder protein 1) (Dol-P-Man:Man(6)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase) (Dol-P-Man:Man(8)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase),FUNCTION: Catalyzes the transfer of mannose from Dol-P-Man to lipid-linked oligosaccharides. {ECO:0000269 PubMed:15148656, ECO:0000269 PubMed:15945070}.
Molecular Weight:	69.9 kDa
UniProt:	Q9H6U8

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 guarantee though.
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Restrictions:	For Research Use only
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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