

Datasheet for ABIN7559860
ALG9 Protein (AA 1-611) (His tag)



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Overview

Quantity:	1 mg
Target:	ALG9
Protein Characteristics:	AA 1-611
Origin:	Mouse
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:	MASRRARQRL KGGGGGGGGG GDAGPAAEKL EQLGSREAGA EPRPESGNKA GQVWAPEGST AFKCLLSARL CAALLSNISD CDETFNYWEP THYLIYGKGF QTWEYSPVYA IRSYAYLLLH AWPAAFHARI LQTNKILVFY FLRCLLAFVS CVCELYFYKA VCKKFGLHVS RMMLAFLVLS TGMFCSSSAF LPSSFCMYTT LIAMTGWYMD KTIPIAVLGVA AGAILGWPFSA AALGLPIAFD LLARKHRWKS FLLWSLVALA LFLVPVVVID SYYYGKLVA PLNIVLYNVF TSHGPDLYGT EPWYFYLING FLNFNVAFAL ALLVLPLTFL MEYLLQRFHV QNLGHPYWLT LAPMYIWFII FFIQPHKEER FLFPVYPLIC LCGAVALSAL QKCYHFVFQR YRLEHYTVTS NWLALGTVFL FGLLSFSRSV ALFRGYHGPL DLYPEFYRIA TDPTIHTVPE GRPVNVCVGK EWYRFPSSFL LPDNWQLQFI PSEFRGQLPK PFAEGPLATR TVPTHMNDQN REEPSRYIDI SKCHYLVLDL TMRETPREP N YSSHREEWVS LAHRPFLDAS RSSKLLAFY VPFLSDQYTV YVNYTILKPR KAKPSRKKSG 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:	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, 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) (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:0000250 UniProtKB:Q9H6U8}.
Molecular Weight:	69.6 kDa
UniProt:	Q8VDI9

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