

Datasheet for ABIN7564996

ALG13 Protein (AA 1-1166) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ALG13
Protein Characteristics:	AA 1-1166
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALG13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Alg13 Protein expressed in mammalian cells.
Sequence:	MKRAFVTVGT TSFDELVARV VANDCVQILE SLGYNHLVLQ VGRGTVVPKP FRTESFTLDV YRYKDSLKED LQQADLVISH AGAGSCLESL EKGKPLVVVV NEKLMNNHQF ELAKQLHKEG HLFYCTCRVL SCPAPVSLLL VLLGSAKILQ QLPSATLSCF GYLPTQAPVL VATAYSYLHS VFSSFPPLST FLIIPCTMQK GWKKYCGQKS LNEASMDEYL GSLGLFRKVV AKDASCLFRA ISEQLFHSQI HHLQIRRACV SYMKENQQAF ESYVEGSFEK YLERLGDPKE SAGQLELKAL SLIYNRDFII YRYPGKPPTQ VTDNGFEDKI ILCYSNNGHY DSVYSKEFQS TAGICQAILY ELLYKDVVV DEETLKTAVD LFRSGSRRNK HHALTASVEG SSDQKSSTED RTEEAAACSS AASTPEGNKQ GTERQKVPES PSKMLFPYKV LKALDPEIYR NVEFDAWLDS RKELQKSECV EYGGYYYFLG DKCQVCMESG GKYYNAHIQE IDNDKSSVVV FIEEFAERHS IPLAHVRPVN QVALLPSWNA IPIRNGRGYP TITGGYFPEI VMTDMNMKQR KKMFKKFRGK EIYMTMAYSR GDPLVPSRIQ HSMHYGHDPL LYYSQTAGHI LSSQHFYPQH SSQRQGRGYG MPRDSSHLIS KQNLPNPKVG FCSGSGRKCC QSYDNVSYRS RSFRRSHRQM HCMNKGCCQYG FAPENGVEET

VTFYALEEGN ETAYSTLPNN GGPTTMVPAT SGYCVARQGY NSCKPPLNSG DSNDHCDNGG
YHGDYLYSSE QGYETSSVYT TTVSTANLSL QDSGPSSVPQ DTVTSYNYPQ KVLNSAAIA
VSWASHVPVP VIPNCAGDNE ALRTSDISSQ NAIQPGFVPP PAQGSPAYLE PSAAGAAGAA
AAAAAAAAPV ATPVAAPLPL PPPLPPPPPA TLEAGDASGF PLPPPPPPPP PPPPPYSYDP
SGSDLPQDTK VLQYYFNLGL QCYHHNYWHP MVYMPHVQQQ LQPQPQPQPQ PQPQPQPQPQ
PQPQPQPQQQ PPPQQQQQQQ EQVHGESYPD CTEQPLVDQS APQVYSDVVR EDGTQADVST
NDTFPIADAV PLPHGAVYYP VMTDPYGSPL LGFDSYVPVA SDYSSIAMWH PVNAACGASA
QIHGAMNPGP IGYMLLPNSP HYTPQN **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.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different 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:	ALG13
Alternative Name:	Alg13 (ALG13 Products)
Background:	Putative bifunctional UDP-N-acetylglucosamine transferase and deubiquitinase ALG13 (EC

Target Details

2.4.1.141) (EC 3.4.19.12) (Asparagine-linked glycosylation 13 homolog) (Glycosyltransferase 28 domain-containing protein 1) (UDP-N-acetylglucosamine transferase subunit ALG13 homolog),FUNCTION: [Isoform 1]: Possible multifunctional enzyme with both glycosyltransferase and deubiquitinase activities., FUNCTION: [Isoform 2]: May be involved in protein N-glycosylation, second step of the dolichol-linked oligosaccharide pathway (By similarity).

Molecular Weight: 128.7 kDa

UniProt: [Q9D8C3](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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