

Datasheet for ABIN7547756
FUT8 Protein (AA 1-575) (His tag)



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Overview

Quantity:	1 mg
Target:	FUT8
Protein Characteristics:	AA 1-575
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FUT8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FUT8 Protein expressed in mammalian cells.
Sequence:	<p>MRPWTGSRW IMLILFAWGT LLFYIGGHLV RDNDHPDHSS RELSKILAKL ERLKQQNEDL RRMAESLRIP EGPIDQGPAL GRVRVLEEQL VKAKEQIENY KKQTRNGLGK DHEILRRRIE NGAKELWFFL QSELKKLKNL EGNELQRHAD EFLDLGHHE RSIMTDLYYL SQTGDAGDWR EKEAKDLTEL VQRRITYLQN PKDCSKAKKL VCNINKGCGY GCQLHHVVYC FMIAYGTQRT LILESQNWRY ATGGWETVFR PVSETCTDRS GISTGHWSGE VKDKNVQVVE LPIVDSLHPR PPYLPLAVPE DLADRLVRVH GDPAVWWVSQ FVKYLIRPQP WLEKEIEEAT KKLGFKHPVI GVHVRRTDKV GTEAAFHPIE EYMHVVEEHF QLLARRMQVD KKRVLATDD PSLLKEAKTK YPNYEFISDN SISWSAGLHN RYTENSLRGV ILDIHFLSQA DFLVCTFSSQ VCRVAYEIMQ TLHPDASANF HSLDDIYFYG GQNAHNQIAI YAHQPRTADE IPMEPGDIIG VAGNHWDGYS KGVNRKLGRT GLYPSYKVRE KIETVKYPTY PEAKEK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</p>

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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	FUT8
Alternative Name:	FUT8 (FUT8 Products)
Background:	<p>Alpha-(1,6)-fucosyltransferase (Alpha1-6FucT) (EC 2.4.1.68) (Fucosyltransferase 8) (GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1,6-fucosyltransferase) (GDP-fucose--glycoprotein fucosyltransferase) (Glycoprotein 6-alpha-L-fucosyltransferase),FUNCTION: Catalyzes the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans. {ECO:0000269 PubMed:17172260, ECO:0000269 PubMed:29304374, ECO:0000269 PubMed:9133635}.</p>
Molecular Weight:	66.5 kDa
UniProt:	Q9BYC5

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