

Datasheet for ABIN7547969

WBSCR17 Protein (AA 1-558) (His tag)



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Overview

Quantity:	1 mg
Target:	WBSCR17
Protein Characteristics:	AA 1-558
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WBSCR17 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GALNT16 Protein expressed in mammalian cells.
Sequence:	MRKIRANAIA ILTVAWILGT FYYLWQDNRA HAASSGGRGA QRAGRRSEQL REDRTIPLIV TGTPSKGFDE KAYLSAKQLK AGEDPYRQHA FNQLESDKLS PDRPIRDTRH YSCPSVSYSS DLPATSVIIT FHNEARSTLL RTVKSVLNRT PANLIQEIL VDDFSSDPED CLLLTRIPKV KCLRNDRREG LIRSRVRGAD VAAATVLTFL DSHCEVNTEW LPPMLQRVKE DHTRVVSPH DVISLDNFAY LAASADLRGG FDWSLHFKWE QIPLEQKMTR TDPTRPIRTP VIAGGIFVID KSWFNHLGKY DAQMIDIWGGG NFELSFRVWM CGGSLEIVPC SRVGHVFRKR HPYNFPEGNA LTYIRNTKRT AEVWMDEYKQ YYEARPSAI GKAFGSVATR IEQRKKMNCK SFRWYLENVY PELTVPVKEA LPGIIKQGVN CLESQGQNTA GDFLLGMGIC RGSAKNPQPA QAWLFSDHLI QQQKGCLAAT STLMSSPGSP VILQMCNPRE GKQKWRRKGS FIQHSVSGLC LETKPAQLVT SKCQADAQAA QWQLLPHT 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.

Product Details

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:	WBSCR17
Alternative Name:	GALNT16 (WBSCR17 Products)
Background:	Polypeptide N-acetylgalactosaminyltransferase 16 (EC 2.4.1.41) (Polypeptide GalNAc transferase 16) (GalNAc-T16) (Polypeptide GalNAc transferase-like protein 1) (GalNAc-T-like protein 1) (pp-GaNTase-like protein 1) (Polypeptide N-acetylgalactosaminyltransferase-like protein 1) (Protein-UDP acetylgalactosaminyltransferase-like protein 1) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like protein 1),FUNCTION: Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. {ECO:0000269 PubMed:22186971}.
Molecular Weight:	63.1 kDa
UniProt:	Q8N428

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.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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