

Datasheet for ABIN7546094

ST6GALNAC2 Protein (AA 1-374) (His tag)



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Overview

Quantity:	1 mg
Target:	ST6GALNAC2
Protein Characteristics:	AA 1-374
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST6GALNAC2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ST6GALNAC2 Protein expressed in mammalian cells.
Sequence:	<p>MGLPRGSFFW LLLLLTAACS GLLFALYFSA VQRYPGAAG ARDTSFEAF FQSKASNSWT</p> <p>GKGQACRHLL HLAIQRHPhF RGLFNLSIPV LLWGDLFPA LWDRLSQHKA PYGWRGLSHQ</p> <p>VIASLTLN GSEAKLFAP PRDTPPKCIR CAVVGNGGIL NGSRQGNID AHDYVFRNLG</p> <p>AVIKGFERDV GTKTSFYGFT VNTMKNSLVS YWNLGFTSVP QGQDLQYIFI PSDIRDYVML</p> <p>RSAILGVPVP EGLDKGDRPH AYFGPEASAS KFKLLHPDFI SYLTERFLKS KLINTHFSDL</p> <p>YMPSTGALML LTALHTCDQV SAYGFITSNY WKFSDDHYFER KMKPLIFYAN HDLSLEAALW</p> <p>RDLHKAGILQ LYQR 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot

Grade: custom-made

Target Details

Target: ST6GALNAC2

Alternative Name: ST6GALNAC2 ([ST6GALNAC2 Products](#))

Background: Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2 (EC 2.4.3.3) (GalNAc alpha-2,6-sialyltransferase II) (ST6GalNAc II) (ST6GalNAcII) (SThM) (Sialyltransferase 7B) (SIAT7-B),FUNCTION: Catalyzes the transfer of N-acetylneuraminy groups onto glycan chains in glycoproteins (PubMed:10742600, PubMed:29251719). Shows a preference for N-acetylgalactosamine (GalNAc) residues already modified by the addition of galactose or galactose followed by sialic acid in alpha-2,3 linkage (PubMed:10742600). {ECO:0000269|PubMed:10742600, ECO:0000269|PubMed:29251719}.

Molecular Weight: 41.9 kDa

UniProt: [Q9UJ37](#)

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

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