

[Go to Product page](#)

Datasheet for ABIN7554003

GALNT7 Protein (AA 1-657) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | GALNT7 |
| Protein Characteristics: | AA 1-657 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GALNT7 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinat GALNT7 Protein expressed in mammalian cells. |
| Sequence: | MRLKIGFILR SLLVGSFLG LVVLWSSLTP RPDDPSPLSR MREDRDVNDP MPNRGGNGLA PGEDRFKPVV PWPVHEGVEV DLESIRRINK AKNEQEHHAG GDSQKDIMQR QYLTFKPQTF TYHDPVLRPG ILGNFEPKEP EPPGVVGGPG EKAKPLVLGP EFKQAIQASI KEFGFNMVAS DMISLDRSVN DLRQEECKYW HYDENLLTSS VVIVFHNEGW STLMRTVHSV IKRTPRKYLA EIVLIDDFSN KEHLKEKLDE YIKLWNLVK VFRNERREGL IQARSIGAQK AKLGQVLIYL DAHCEVAVNW YAPLVAPISK DRTICTVPLI DVINGNTYEI IPQGGGDEDG YARGAWDWSM LWKRVP LTPQ EKRLRKTKE PYRSPAMAGG LFAIEREFFF ELGLYDPGLQ IWGGENFEIS YKIWQCGGKL LFVPCSRVGH IYRLEGWQGN PPPIYVGSSP TLKNYVRVVE VWWDEYKDYF YASRPESQAL PYGDISELKK FREDHNCKSF KWFMEIAYD ITSHYPLPPK NVDWGEIRGF ETAYCIDSMG KTNGGFVELG PCHRMGGNQL FRINEANQLM QYDQCLTKGA DGSKVMITHC NLNEFKEWQY FKNLHRFTHI PSGKCLDRSE VLHQVFISNC DSSKTTQKWE MNNIHSV 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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

GALNT7

Alternative Name:

GALNT7 ([GALNT7 Products](#))

Background:

N-acetylgalactosaminyltransferase 7 (EC 2.4.1.41) (Polypeptide GalNAc transferase 7) (GalNAc-T7) (pp-GaNTase 7) (Protein-UDP acetylgalactosaminyltransferase 7) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 7),FUNCTION: Glycopeptide transferase involved in O-linked oligosaccharide biosynthesis, which catalyzes the transfer of an N-acetyl-D-galactosamine residue to an already glycosylated peptide. In contrast to other proteins of the family, it does not act as a peptide transferase that transfers GalNAc onto serine or threonine residue on the protein receptor, but instead requires the prior addition of a GalNAc on a peptide before adding additional GalNAc moieties. Some peptide transferase activity is however not excluded, considering that its appropriate peptide substrate may remain unidentified.
{ECO:0000269|PubMed:10544240, ECO:0000269|PubMed:11925450}.

Target Details

Molecular Weight: 75.4 kDa

UniProt: [Q86SF2](#)

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.

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