

Datasheet for ABIN7554998

C3orf39 Protein (AA 1-580) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	C3orf39 (GTDC2)
Protein Characteristics:	AA 1-580
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C3orf39 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat POMGNT2 Protein expressed in mammalien cells.
Sequence:	MHLSAVFNAL LVSVLA AVLW KHVRLREHAA TLEELALSR QATEPAPALR IDYPKALQIL MEGGTHMVCT GRHTDRICR FKWLCYSNEA EEFIFHGNT SVMPLNLGSR RFQPALLDLS TVEDHNTQYF NFVELPAAAL RFMPKPVFVP DVALIANRFN PDNLMHVFHD DLLPLFYTLR QFPGLAHEAR LFFMEGWGEG AHFDLYKLLS PKQPLLRAQL KTLGRLLCFS HAFVGLSKIT TWYQYGFVQP QGPKANILVS GNEIRQFARF MTEKLNVSHT GVPLGEEYIL VFSRTQNRLI LNEAELLAL AQEFQMKTVT VSLEDHTFAD VVRLVSNASM LVSMHGAQLV TTLFLPRGAT VVELFPYAVN PDHYTPYKTL AMLPGMDLQY VAWRNMMPEN TVTHPERPWD QGGITHLDRA EQARILQSRE VPRHLCCRNP EWLFRYQDT KVDIPSLIQT IRRVVKGRPG PRKQKWTVGL YPGKVREARC QASVHGASEA RLTVSWQIPW NLKYLKVREV KYEVLWQEQQ ENTYPYILA LQNHTFTENI KPFTTYLVWV RCIFNKILLG PFADVLVCNT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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:

C3orf39 (GTDC2)

Alternative Name:

POMGNT2 ([GTDC2 Products](#))

Background:

Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2 (POMGnT2) (EC 2.4.1.312) (Extracellular O-linked N-acetylglucosamine transferase-like) (Glycosyltransferase-like domain-containing protein 2),FUNCTION: O-linked mannose beta-1,4-N-acetylglucosaminyltransferase that transfers UDP-N-acetyl-D-glucosamine to the 4-position of the mannose to generate N-acetyl-D-glucosamine-beta-1,4-O-D-mannosylprotein. Involved in the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine-beta-4-(phosphate-6-)mannose), a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity. {ECO:0000269|PubMed:23929950, ECO:0000269|PubMed:27066570}.

Molecular Weight:

66.6 kDa

Target Details

UniProt: [Q8NAT1](#)

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