

Datasheet for ABIN7556340  
**B3GALT4 Protein (AA 1-371) (His tag)**



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## Overview

Quantity:	1 mg
Target:	B3GALT4
Protein Characteristics:	AA 1-371
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GALT4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant B3galt4 Protein expressed in mammalian cells.
Sequence:	<p>MPLSLFRRVL LAVLLLVIW TLFGPSGLGE ELLSLSLASL LPAPASPGPP LALPRLISN SHACGGSGPP PFLLLIVCTA PEHLNQRNAI RASWGAIREA RGFRVQTLFL LGKPRRQQLA DLSSESAHR DILQASFQDS YRNLTCLKLS GLNWNKYCP MARYILKTDD DVYVNVPELV SELIQRGGPS EQWQKGKEAQ EETTAIHEEH RGQAVPLLYL GRVHWRVRPT RTPESRHHVS EELWPENWGP FPPYASGTGY VLSISAVQLI LKVASRAPPL PLEDVFIGVS ARRGLAPTH CVKLAGATHY PLDRCCYGKF LLTSHKVDPW QMQEAWKLVS GMNGERTAPF CSWLQGFLLGT LRCRFIAWFS S</p> <p><b>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.</b></p>
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:

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	B3GALT4
Alternative Name:	B3galt4 ( <a href="#">B3GALT4 Products</a> )
Background:	Beta-1,3-galactosyltransferase 4 (Beta-1,3-GalTase 4) (Beta3Gal-T4) (Beta3GalT4) (b3Gal-T4) (EC 2.4.1.62) (Gal-T2) (Ganglioside galactosyltransferase) (UDP-galactose:beta-N-acetyl-galactosamine-beta-1,3-galactosyltransferase),FUNCTION: Involved in GM1/GD1B/GA1 ganglioside biosynthesis. {ECO:0000269 PubMed:10502288}.
Molecular Weight:	41.2 kDa
UniProt:	<a href="#">Q9Z0F0</a>

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## Application Details

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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.
Restrictions:	For Research Use only

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## Handling

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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