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Datasheet for ABIN7559955  
**ST3GAL6 Protein (AA 1-329) (His tag)**

## Overview

Quantity:	1 mg
Target:	ST3GAL6
Protein Characteristics:	AA 1-329
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST3GAL6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat St3gal6 Protein expressed in mammalien cells.
Sequence:	MKGYLVAIFL SSIFLYYVLY CILWGTNGYW FPAEEMRTRN NVNCFKKA FANLLRFPQL YPFLCRADFI KVAAMSGTNN FPLPYGIKTF ETYFSSALSK LQSCDLFDEF DRVPCKRCV VGNGGVLKNK TLGATIDSYD VIIRMNNGPV LGHEEEVGTR TTFRLFYPES VFSDSSHYP NTTAVLVVFK PQDLRWLVEI LLGKKINTQG FWKTPALKLI YKQYQIRILD PYITSEAFQ MLRFPRVFPK DQKPKHPTTG IIAITMAFHI CSEVHLAGFK YNFYSPNSPL HYYGNATMSL MKQNAYHHLT AEQLFLNDII KKKMVINLT <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>
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, Western Blot

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Grade: custom-made

## Target Details

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Target: ST3GAL6

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Alternative Name: St3gal6 ([ST3GAL6 Products](#))

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Background: Type 2 lactosamine alpha-2,3-sialyltransferase (EC 2.4.99.-) (CMP-NeuAc:beta-galactoside alpha-2,3-sialyltransferase VI) (ST3Gal VI) (ST3GalVI) (Sialyltransferase 10),FUNCTION: Involved in the synthesis of sialyl-paragloboside, a precursor of sialyl-Lewis X determinant. Has a alpha-2,3-sialyltransferase activity toward Gal-beta1,4-GlcNAc structure on glycoproteins and glycolipids. Has a restricted substrate specificity, it utilizes Gal-beta1,4-GlcNAc on glycoproteins, and neolactotetraosylceramide and neolactoheptaosylceramide, but not lactotetraosylceramide, lactosylceramide or asialo-GM1 (By similarity). {ECO:0000250}.

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Molecular Weight: 37.9 kDa

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UniProt: [Q8VIB3](#)

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Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies

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## Application Details

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as well. 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

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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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