

Datasheet for ABIN7546096  
**ST3GAL3 Protein (AA 1-375) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ST3GAL3
Protein Characteristics:	AA 1-375
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST3GAL3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ST3GAL3 Protein expressed in mammalian cells.
Sequence:	MGLLVFVRNL LLALCLFLVL GFLYSAWKL HLLQWEEDSN SVLSFDSAG QTLGSEYDRL GFLNLDSKL PAELATKYAN FSEGACKPGY ASALMTAIFP RFSKPAPMFL DDSFRKWARI REFVPPFGIK GQDNLIKAIL SVTKEYRLTP ALDSLRCRRC IIVGNGGVLA NKSLGSRIDD YDIVVRLNSA PVKGFEDVG SKTTLRITYP EGAMQRPEQY ERDSLFLVLAG FKWQDFKWLK YIVYKERVSA SDGFWKS VAT RVPKEPPEIR ILNPYFIQEA AFTLIGLPFN NGLMGRGNIP TLGSAVATMA LHGCDEVAVA GFGYDMSTPN APLHYETVR MAAIKESWITH NIQREKEFLR KLVKARVITD LSSGI <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>
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)
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Grade:	custom-made
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## Target Details

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Target:	ST3GAL3
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Alternative Name:	ST3GAL3 ( <a href="#">ST3GAL3 Products</a> )
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Background:	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase (EC 2.4.3.6) (Beta-galactoside alpha-2,3-sialyltransferase 3) (Alpha 2,3-ST 3) (Gal beta-1,3(4) GlcNAc alpha-2,3 sialyltransferase) (N-acetylglucosaminide alpha-2,3-sialyltransferase) (ST3Gal III) (ST3GalIII) (ST3N) (Sialyltransferase 6),FUNCTION: Catalyzes the formation of the NeuAc-alpha-2,3-Gal-beta-1,4-GlcNAc-, NeuAc-alpha-2,3-Gal-beta-1,3-GlcNAc- and NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc- sequences found in terminal carbohydrate groups of glycoproteins and glycolipids. The highest activity is toward Gal-beta-1,3-GlcNAc and the lowest toward Gal-beta-1,3-GalNAc. {ECO:0000250 UniProtKB:P97325}.
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Molecular Weight:	42.2 kDa
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UniProt:	<a href="#">Q11203</a>
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Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</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.

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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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