

Datasheet for ABIN7547813

## GAL3ST3 Protein (AA 1-431) (His tag)



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### Overview

Quantity:	1 mg
Target:	GAL3ST3
Protein Characteristics:	AA 1-431
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAL3ST3 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant GAL3ST3 Protein expressed in mammalian cells.
Sequence:	<p>MPPILQRLQQ ATKMMSRRKI LLLVLGCSTV SLLIHQGAQL SWYPKLFPLS CPPLRNSPPR</p> <p>PKHMTVAFLK THKTAGTTVQ NILFRFAERH NLTVALPHPS CEHQFCYPRN FSAHFVHPAT</p> <p>RPPHVLASHL RFDRAELERL MPPSTVYVTI LREPAAMFES LFSYYNQYCP AFRRVFNASL</p> <p>EAFLRAPEAY YRAGEHFAMF AHNTLAYDLG GDNERSPRDD AAYLAGLIRQ VEEVFSLVMI</p> <p>AEYFDESLVL LRRLLAWDLG DVLYAKLNAR AASSRLAIP AALARAARTW NALDAGLYDH</p> <p>FNATFWRHVA RAGRACVERE ARELREARQR LLRRCFGDEP LLRPAAQIRT KQLQPWQPSR</p> <p>KVDIMGYDLP GGGAGPATEA CLKLAMPEVQ YSNYLLRKQK RRGGARARPE PVLNPPPPRP</p> <p>IRVLPGRPQG 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.

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	GAL3ST3
Alternative Name:	GAL3ST3 ( <a href="#">GAL3ST3 Products</a> )
Background:	Galactose-3-O-sulfotransferase 3 (Gal3ST-3) (EC 2.8.2.-) (Beta-galactose-3-O-sulfotransferase 3) (Gal3ST3) (Gal-beta-1, 3-GalNAc 3'-sulfotransferase 3),FUNCTION: Transfers a sulfate to position 3 of non-reducing beta-galactosyl residues in N-glycans and core2-branched O-glycans. Has high activity towards Gal-beta-1,4-GlcNAc, Gal-beta-1,4(Fuc-alpha-1,3)GlcNAc and lower activity towards Gal-beta-1,3(Fuc-alpha-1,4)GlcNAc. {ECO:0000269 PubMed:11323440, ECO:0000269 PubMed:11356829}.
Molecular Weight:	49.0 kDa
UniProt:	<a href="#">Q96A11</a>

## Application Details

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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Application Details

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