

## Product datasheet for **TP316821**

### **GALNT13 (NM\_052917) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13) (GALNT13), 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC216821 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRRFVYCKVVLATSLMWVLDVFLLLYFSECNKCDDKKERSLLPALRAVISRNQEGPGEMGKAVLIPKDD  
QEKMKELFKINQFNLMASDLIALNRSLPDVRLLEGCKTKVYPDELNPTSVVIVFHNEAWSTLLRTVYSVIN  
RSPHYLLSEVILVDDASERDFLKLTLNENYVKNLEVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAH  
CECTLGWLEPLLARIKEDRKTVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYVVPQREMDRRKGD  
RTLTPVRTPTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQCGGSLEIVTCSHVGHVFRKATP  
YTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKTRENLKCKPFSWYLENIYPD  
SQIPRRYSLGEIRNVETNQCLDNMGRKENEKVGIFNCHGMGGNQVFSYTADKEIRTDLCLDVSRLNGP  
VIMLKCHHMRGNQLWEYDAERLTLRHVNSNQCLDEPSEEDKMVPTMQDCSGSRSQQWLLRNMTLGT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

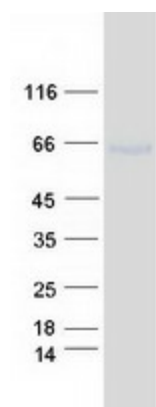
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	63.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_443149</a>
<b>Locus ID:</b>	114805
<b>UniProt ID:</b>	<a href="#">Q8IUC8</a>
<b>RefSeq Size:</b>	5689
<b>Cytogenetics:</b>	2q23.3-q24.1
<b>RefSeq ORF:</b>	1668
<b>Synonyms:</b>	GalNAc-T13
<b>Summary:</b>	The GALNT13 protein is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAcT; EC 2.4.1.41) family, which initiate O-linked glycosylation of mucins (see MUC3A, MIM 158371) by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.[supplied by OMIM, Apr 2004]
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	Metabolic pathways, O-Glycan biosynthesis

### Product images:



Coomassie blue staining of purified GALNT13 protein (Cat# TP316821). The protein was produced from HEK293T cells transfected with GALNT13 cDNA clone (Cat# [RC216821]) using MegaTran 2.0 (Cat# [TT210002]).