

Product datasheet for PH316821

GALNT13 (NM_052917) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GALNT13 MS Standard C13 and N15-labeled recombinant protein (NP_443149)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216821
Predicted MW:	64.1 kDa
Protein Sequence:	>RC216821 protein sequence Red=Cloning site Green=Tags(s)

MRRFVYCKVVLATSLMWVLVDVFLLLYFSECNKDDKERSLLPALRAVISRNQEGPGEMGKAVLIPKDD
QEKMKELFKINQFNLMASDLIALNRSLPDVRLGCKTKVYPDELNPTSVVIVFHNEAWSTLLRVTYVSVIN
RSPHYLLSEVILVDDASERDFLKLTLNENYVKNLEVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAH
CECTLGWLEPLLARIKEDRKTVCPIIDVISEDTFEYMAGSDMTYGGFNWKLNFRWYVPVQREMDRRKGD
RTLTPVRTPTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQCGLSLEIVTCSHVGHVFRKATP
YTFPGGTGHVINKNNRRLAEVWMDKDFFYIISPGVVKVDYGDVSVRKTLENLCKKPFWSYLENIYPD
SQIPRRYSLGEIRNVTNQCLDNMGRKENEKVGIFNCHGMGGNQVF SYTADKEIRTDLCLDVSRLNGP
VIMLKCHHMRGNQLWEYDAERLTLRHVNSNQCLDEPSEEDKMVPTMQDCSGSRSQQWLLRNMTLGT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_443149</u>
RefSeq Size:	5689
RefSeq ORF:	1668



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Synonyms: GalNAc-T13

Locus ID: 114805

UniProt ID: [Q8IUC8](#)

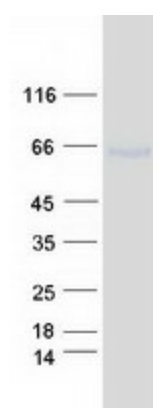
Cytogenetics: 2q23.3-q24.1

Summary: 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]

Protein Families: Transmembrane

Protein Pathways: 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]).