

Product datasheet for TP518121

Galnt13 (NM_173030) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polypeptide N-acetylgalactosaminyltransferase 13 (Galnt13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218121 representing NM_173030 Red=Cloning site Green=Tags(s)

MRRFVYCKVVLATSLMWVLDVFLLLYFSECNKDDKKERSLLPALRAVISRNQEGPGEMGKAVLIPKDD
QEKMKELFKINQFNLMASDLIALNRSLPDVRLLEGCKTKVYPDELNPTSVVIVFHNEAWSTLLRTVYSVIN
RSPHYLLSEVILVDDASERDFLKLTLNRYVKTLEVPVKIIRMEERSGLIRARLRGAAASKQVITFLDAH
CECTLGWLEPLLARIKEDRKTVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYPVPQREMDRRKGD
RTLVPVRTPTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQCGGSLEIVTCSHVGHVFRKATP
YTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKTLENLKCKPFSWYLENIYPD
SQIPRRYSLGEIRNVETNQCLDNMGRKENEKVGIFNCHGMGGNQVFSYTADKEIRTDLCLDVSRLSGP
VIMLKCHHMRGNQLWEYDAERLTLRHANSNQCLDEPSEEDKMVPTMQDCSGRSRQQWLLRNMTLGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	64.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_766618</u>



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Locus ID: 271786

UniProt ID: [Q8CF93](#), [A2RRI8](#)

RefSeq Size: 6966

Cytogenetics: 2 C1.1

RefSeq ORF: 1668

Synonyms: A230002A12; A230020F20; BB182356

Summary: Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Has a much stronger activity than GALNT1 to transfer GalNAc to mucin peptides, such as Muc5Ac and Muc7. Able to glycosylate SDC3. Probably responsible for the synthesis of Tn antigen in neuronal cells.[UniProtKB/Swiss-Prot Function]