

Product datasheet for **TP508869**

Galnt1 (NM_001160404) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polypeptide N-acetylgalactosaminyltransferase 1 (Galnt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208869 protein sequence Red =Cloning site Green =Tags(s)

MRKFAYCKVWLATSLVWLLDMFLLLYFSECNKCEEKQERGLPAGDVLELVQKPHEGPGEMGKPVWIPKE
DQEKMKEMFKTNQFNLMASEMIALNRSRPDVRLEGCKTKVYPDNLPTTSVVIVFHNEAWSTLLRTVHSVI
NRSPRHMIEEIVLDDASERDFLKRPLESYVKKLKVPVHVIRMEQRSGLIRARLKGAAVSRGQVITFLDA
HCECTAGWLEPLLARIKHDRRTVVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYVPVQREMDRRKG
DRTLTPVRTPTMAGGLFSIDRDYFQEIGTYDAGMDIWGGENLEISFRIWQCGGTLEIVTCSHVGHVFRKAT
PYTFPGGTGQIINKNNRRLAEVWMDEFKNFFYIISPGVTKVDYGDISSRLGLRRKLQCKPFSWYLENIYP
DSQIPRHYFSLGEIRNVETNQCLDNMARKENEKVGIFNCHGMGGNQVFSYTANKEIRTDLCLDVSKLNG
PVTMLKCHHLKGNQLWEYDPVKLTLQHVNSNQCLDKATEEDSQVPSIRDCTGSRSQWLLRNVTLP EIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	64.2 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:	NP_001153876



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Locus ID: 14423

UniProt ID: [O08912](#), [Q3UFE4](#)

RefSeq Size: 3908

Cytogenetics: 18 A2

RefSeq ORF: 1680

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 broad spectrum of substrates for peptides such as EA2, Muc5AC, Muc1a, Muc1b and Muc7. [UniProtKB/Swiss-Prot Function]