

Product datasheet for TP520195

Galnt15 (NM_030166) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polypeptide N-acetylgalactosaminyltransferase 15 (Galnt15), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR220195 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)
	<p>MLPRKRPRSGRSRLQFLLLFLTLGCVLMMVILLHPPPPTLHQAVTAQASKHSPDTGYRLDFGDSQEWVLE AETEGDEYSLLDGLPSFISLQEDQLLVAVASPRARRSQSQGRRQGSYQFIKHSRRWDEEALKEKDWRTTE DGESEEVLTPLGPDSDGLNKPLSARLPLRRVLPEVRHPLCLQHQHTSGLPTASVILCFHDEAWPTLLRT VHSILDTAPRALLQEIILVDDLSQQELLKSALSEYVARLEAVKLLRSNRRLGTIGARMLGATRATGDVLV FMDAHCECHPGWLEPLLSRIADDRSRVSPVIDVIDWKTLYSASKLHRGTLDWKLDFRWKPLGEQEQA LPSPISPVRSPVPREVVAVDRHYFQNTGAYDLLSLGDSLENLEMSFKAWLCGGSV EILPCSRVGHYRS QDASSRPDPEVALKNKIIIAETWLSSFKETFYRHIFEFTLSKVAKPDCTERLKLQRRLLGCRTFFHWFLAN VPELYPSDHRPRFSGKLHNTGFGLCADQCADGDILGCPMTLAPCSNNRQQQNLEHTGRKEILFGGPQRL CFDVRGGRVILQNCTEEGPAIHQQHWDFQEDGMIIHVLSGKCM EAGVQPSNKDLYLRQCDGKTSQLWRFD QIHPVDER</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	72.3 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.



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RefSeq:	NP_084442
Locus ID:	78754
UniProt ID:	Q9D2N8
RefSeq Size:	2341
Cytogenetics:	14 B
RefSeq ORF:	1917
Synonyms:	4631401E18Rik; Galntl2; mpp-GalNAc-T15
Summary:	<p>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. Although it displays a much weaker activity toward all substrates tested compared to GALNT2, it is able to transfer up to seven GalNAc residues to the Muc5AC peptide, suggesting that it can fill vicinal Thr/Ser residues in cooperation with other GALNT proteins. Prefers Muc1a as substrate (By similarity).[UniProtKB/Swiss-Prot Function]</p>