

## Product datasheet for TP517334

### B3gnt6 (NM\_001081167) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase) (B3gnt6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217334 representing NM_001081167 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MALPSSRRFKSPTTLAFLVGVTLWVLNQQWFLQEHRQEKAKGPVATRRSLAAVVQRSPLFQVPPCVANAS ANLLTGFQLLPARIQDFLRHRHCRFPQLWDAPPKAGPRGVFLLAVKSSPAHYERRELIRRTWQERS YSGRQVLRFLVGTSPPEEAAREPQLADLLSLEAREYGDVLQWDFSDTFLNLTCLKHLHLLDWTAEHCPGV SFLLSRDDVVFVHTANVLSFLEVQSPHHLFTGQLMVGSPVRESGSKYFVPPQIFPGVAYPAYCSGGGF LLSRYTVRNLRSAAHVPLFPIDDAYMGMCLQQAGLAPSSHQGIRPFGVQLPNVQRLSLDPCMYRELLLV HRFAPYEMLLMWKALHNPALHCSHKQVAGSPTAGEQNPDAH
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	44 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:	<a href="#">NP_001074636</a>
Locus ID:	272411



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UniProt ID:	<u>Q3USF0</u>
RefSeq Size:	2367
Cytogenetics:	7 E1
RefSeq ORF:	1173
Synonyms:	BC039789; Core-3; Core3
Summary:	Beta-1,3-N-acetylglucosaminyltransferase that synthesizes the core 3 structure of the O-glycan, an important precursor in the biosynthesis of mucin-type glycoproteins. Plays an important role in the synthesis of mucin-type O-glycans in digestive organs.[UniProtKB/Swiss-Prot Function]