

Product datasheet for TP506220

B3gnt2 (NM_001169114) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 (B3gnt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206220 protein sequence Red =Cloning site Green =Tags(s)
	MSVGRRRVKLLGILMMANVFIYLIVEVSKNSSQDKNGKGGVPIKPKFWKPPSTPRAYWNREQEKLNRWY NPILNRVANQTGELATSPNTSHLSYCEPDSTVMTAVTDFNNLPDRFKDFLLYLRCRNYSLLIDQPKKCAK KPFLLLAIKSLIPHARRQAIRESWGRETNVGNQTVVRVFLGKTPPEDNHPDLSMMLKFESDKHQDILM WNYRDTFFNLSLKEVLFLRWVSTSCPDAEFVFKGDDDFVFNTHHILNLYNSLSKSKAKDLFIGDVIHNAG PHRDKCLKYYIPEVFYTGVPYPYAGGGGFLYSGPLALRLYSATSRVHLYPIDDVYTMCLQKGLVPEKH KGFRTFDIEKNKKNICSYIDLMLVHSRKPQEMIDIWSQLQSPNLK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	45.9 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_001162585</u>
Locus ID:	53625



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UniProt ID: [Q9Z222](#), [Q3TVJ9](#)

RefSeq Size: 2576

Cytogenetics: 11 14.22 cM

RefSeq ORF: 1194

Synonyms: AA408337; AA409404; AW260308; B3Galt6; B3gnt1; Beta3gnt; BGnT-1; BGnT-2; BGnT1; BGnT2

Summary: Beta-1,3-N-acetylglucosaminyltransferase involved in the synthesis of poly-N-acetyllactosamine. Catalyzes the initiation and elongation of poly-N-acetyllactosamine chains (PubMed:9892646). Probably constitutes the main poly-lactosamine synthase (PubMed:17890318).[UniProtKB/Swiss-Prot Function]