

Product datasheet for **TP504972**

B3gat3 (NM_024256) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) (B3gat3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204972 protein sequence Red =Cloning site Green =Tags(s) MKLKLKNVFLAYFLVSIAGLLYALVQLGQPCDCLPPLRAAAEQLRQKDLRISQLQADLRRPPPVPAPQPE PEALPTIYVITPTYARLVQKAELVRLSQTLSLVPRLHWLLVEDAESPTPLVSGLLAASGLLFTHLAVLTP KAQRLREGEPGWVRPRGVEQRNKALDWLRGKGGAVGGEKDP PPPGTQGVYFADDDNTYSRELFKEMRWT RGVSVWPVGLVGGGLRFEGPQVQDGRVVGFTAWEPNRPFPLDMAGFAVALPLLLAKPNAQFDATAPRGHL ESSLLSHLVDPKDLPRAACTQVLVWHTRTEKPKMKQEEQLRQGGQSDPAIEV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.1 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_077218
Locus ID:	72727
UniProt ID:	P58158



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RefSeq Size: 1599

Cytogenetics: 19 A

RefSeq ORF: 1008

Synonyms: 2810405M13Rik

Summary: Glycosaminoglycans biosynthesis. Involved in forming the linkage tetrasaccharide present in heparan sulfate and chondroitin sulfate. Transfers a glucuronic acid moiety from the uridine diphosphate-glucuronic acid (UDP-GlcUA) to the common linkage region trisaccharide Gal-beta-1,3-Gal-beta-1,4-Xyl covalently bound to a Ser residue at the glycosaminoglycan attachment site of proteoglycans. Can also play a role in the biosynthesis of I2/HNK-1 carbohydrate epitope on glycoproteins. Stimulates 2-phosphoxylose phosphatase activity of PXYLP1 in presence of uridine diphosphate-glucuronic acid (UDP-GlcUA) during completion of linkage region formation. [UniProtKB/Swiss-Prot Function]