

Product datasheet for TP504835

St3gal6 (NM_018784) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ST3 beta-galactoside alpha-2,3-sialyltransferase 6 (St3gal6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204835 protein sequence Red =Cloning site Green =Tags(s)
	MKGYLVAIFLSSIFLYVLYCILWGTNGYWFPAAEEMRTRNNVNNCFKKPAFANLLRFPQLYPFLCRADFI KVAAMSGTNNFPLPYGIKTFETYFSSALSKLQSCDLDFEDRVPCKRCVWVGNGGVLKNKTLGATINSYD VIIRMNNGPVLGHEEEVGTRTTFRLFYPESVFSDDSHYDPNTTAVLVVFKPQDLRWLVEILLGKKINTQG FWKTPALKLIYKQYQIRILDOPYITSEAAFQMLRFRVFPKDQPKHPPTGIIAITMAFHICSEVHLAGFK YNFYSPNSPLHYGNATMSLMKQNAYHNLTAEQFLFLNDIIKKKMVINLT
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.9 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:	NP_061254
Locus ID:	54613
UniProt ID:	Q8VIB3



[View online »](#)

RefSeq Size: 1593

Cytogenetics: 16 C1.2

RefSeq ORF: 990

Synonyms: 1700023B24Rik; AI930218; AW552396; Siat10; St3galVI

Summary: Involved in the synthesis of sialyl-paragloboside, a precursor of sialyl-Lewis X determinant. Has a alpha-2,3-sialyltransferase activity toward Gal-beta1,4-GlcNAc structure on glycoproteins and glycolipids. Has a restricted substrate specificity, it utilizes Gal-beta1,4-GlcNAc on glycoproteins, and neolactotetraosylceramide and neolactoheptaosylceramide, but not lactotetraosylceramide, lactosylceramide or asialo-GM1 (By similarity).[UniProtKB/Swiss-Prot Function]