

Product datasheet for TP507084

Tmem5 (NM_153059) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ribitol xylosyltransferase 1 (Rxylt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207084 protein sequence Red =Cloning site Green =Tags(s)
	MRLTRRLCSLLVALYCLFSIYAAYHVFFGRRRRPLGTTSRNSRKAAAAQAKERRGREQSALESEEWNPW EGDEKNEQRHRVKTNLQILNKSTKEKIEHRVQIWGKAAIGLYLWEHIFEGTLDPADVTAQWREGQSVGR THYSFITGPAVVPGYFSIDVDNVVLVNLNGREKAKIFHATQWLIYAQNLMKTQKLQHLAVVLLGNEHCEND WIMQFLKRNGGFVDLLFITYDSPWINGADILQWPLGVATYRQFPVVEASWTMLHDERPYICNFLTAYEN SSRQALMNILKQDGNKLCWVSAREQWQPQETNESLKNYQDALLHSDLTLCVPVGNTECYRIYEACSFGS IPVEDVMTAGHCGNTTSQHSAPLQLLKAMGAPFIFIKNWKELPAILEKEKTISLQEKIQRRLVLLHWYQ HFKTELKWKFTKILESSFFINNKV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	51.4 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_694699
Locus ID:	216395



[View online »](#)

UniProt ID:	Q8VDX6
RefSeq Size:	1393
Cytogenetics:	10 D2
RefSeq ORF:	1335
Synonyms:	6330415D21Rik
Summary:	UDP-xylosyltransferase involved in the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine-beta-4-(phosphate-6-)mannose), a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity (By similarity). Acts as a UDP-D-xylose:ribitol-5-phosphate beta1,4-xylosyltransferase, which catalyzes the transfer of UDP-D-xylose to ribitol 5-phosphate (Rbo5P) to form the Xylbeta1-4Rbo5P linkage on O-mannosyl glycan (By similarity).[UniProtKB/Swiss-Prot Function]