

Product datasheet for **TP727051**

St6galnac2 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse ST6GALNAC2 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ser28-Arg373
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 50mMTris-HCl, 150mM NaCl, pH 7.5.
Note:	Recombinant Mouse Alpha-N-acetylgalactosaminide Alpha-2,6-sialyltransferase 2 is produced by our Mammalian expression system and the target gene encoding Ser28-Arg373 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	20446
UniProt ID:	P70277
Synonyms:	Gal-beta-1,3-GalNAc alpha-2,6-sialyltransferase,GalNAc alpha-2,6-sialyltransferase II,ST6GalNAc II,Sialyltransferase 7B,SIAT7-B
Summary:	Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2, is a type II membrane protein localized in the Golgi network and catalyzes 2,6-sialylation of the Tn antigen. Sialyl-Tn antigen is highly expressed in several human carcinomas and is associated with carcinoma aggressiveness and poor prognosis. It has been reported that dysregulation of this gene is involved in the pathogenesis of IgA nephropathy, a common kidney disease that occurs when antibody IgA accumulates in kidneys (4). The enzyme may also be used to synthesize a cancer vaccine.



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