

Product datasheet for **TP726841**

ST6GALNAC2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human ST6 Sialyltransferase 2/ST6GalNAc2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser29-Arg374
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB,150mM NaCl,5mM EDTA,5% Trehalosen,pH 7.4.
Note:	Recombinant Human ST6 Sialyltransferase 2 is produced by our Mammalian expression system and the target gene encoding Ser29-Arg374 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:	10610
UniProt ID:	Q9UJ37
Synonyms:	Alpha-N-Acetylgalactosaminide Alpha-2;6-Sialyltransferase 2; GalNAc Alpha-2;6-Sialyltransferase II; ST6GalNAc II; ST6GalNAcII; SThM; Sialyltransferase 7B; SIAT7-B; ST6GALNAC2; SIAT7B; SIATL1; STHM
Summary:	Alpha-N-Acetylgalactosaminide $\hat{1}\pm$ -2,6-Sialyltransferase 2 (ST6GALNAC2) belongs to the glycosyltransferase 29 family that adds sialic acids to the non-reducing ends of glycoconjugates. At the cell surface, these modifications play roles in cell-cell and cell-substrate interactions, bacterial adhesion and protein targeting. ST6GALNAC2 is localized to the Golgi apparatus membrane. ST6GALNAC2 is highly expressed in lactating mammary glands and the adult testis; it is expressed at lower levels in the kidney. ST6GALNAC2 can catalyze 2,6-sialylation of the Tn antigen.
Protein Families:	Transmembrane



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