

Recombinant Mouse ST6GALNAC2 Protein, His-tagged

Cat. No. ST6GALNAC2-912M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of mouse ST6GALNAC2 (P70277) (Ser 28-Arg 373) was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	28-373 a.a.
Predicted N Terminal	Ser 28
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse ST6GALNAC2 comprises 357 amino acids and has a calculated molecular mass of 40.7 kDa. The apparent molecular mass of rmST6GALNAC2 is approximately 44 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>98 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

ST6galnac2 ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 2 [*Mus musculus*]

Official Symbol

ST6GALNAC2

Synonyms

ST6GALNAC2; ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 2; alpha-N-acetylglactosaminide alpha-2,6-sialyltransferase 2; SIAT7-B; ST6GalNAcII; ST6GalNAc II; sialyltransferase 7B; galNAc alpha-

Gene ID

20446

mRNA Refseq

NM_009180

Protein Refseq

NP_033206

MIM
UniProt ID
Function

sialyltransferase activity; transferase activity; transferase activity, transferring glycosyl groups;

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