

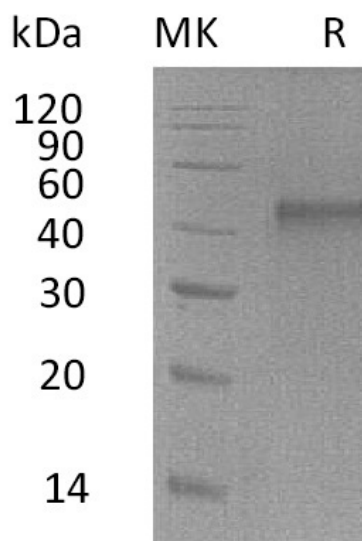
Product Name: Recombinant Mouse ST6GalNAc2 (C-6His)
Catalog #: PHM1564



Summary

Name	ST6GALNAC2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P70277
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	40.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 50mMTris-HCl, 150mM NaCl, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

Gal-beta-1,3-GalNAc alpha-2,6-sialyltransferase, GalNAc alpha-2,6-sialyltransferase II, ST6GalNAc II, Sialyltransferase 7B, SIAT7-B

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.