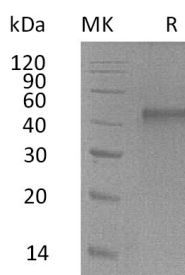


**Product Name: Recombinant Mouse ST6GalNAc2 (C-6His)**  
**Catalog #: PHM1564**

## Summary

<b>Name</b>	ST6GALNAC2
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	P70277
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	40.4 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 50mMTris-HCl, 150mM NaCl, pH 7.5.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

<b>Alternative Names</b>	Gal-beta-1,3-GalNAc alpha-2,6-sialyltransferase, GalNAc alpha-2,6-sialyltransferase II, ST6GalNAc II, Sialyltransferase 7B, SIAT7-B
<b>Background</b>	Alpha-N-acetylgalactosaminide alpha -2,6-sialyltransferase 2, is a type/xa0II membrane protein localized in the Golgi network and catalyzes 2,6-sialylation of

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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.