

Product Name: Recombinant Human ST6GalNAc2 (C-6His)
Catalog #: PHH1563

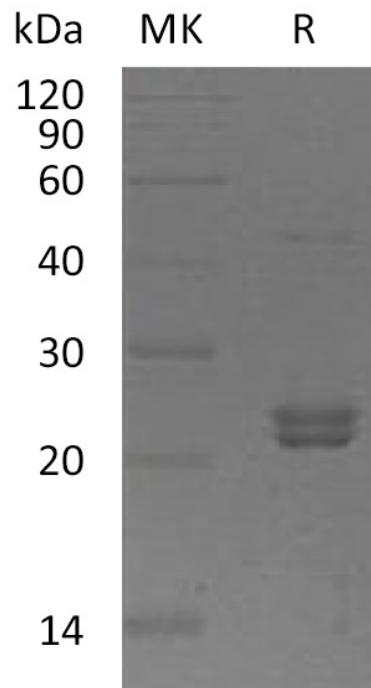


Summary

Name	ST6 Sialyltransferase 2/ST6GALNAC2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9UJ37
Host	Human Cells
Species	Human
Predicted Molecular Mass	38.84 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 5mM EDTA, 5% Trehalosen, pH 7.4.
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

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

Background

Alpha-N-Acetylgalactosaminide α -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.

Note

For Research Use Only , Not for Diagnostic Use.