

# Recombinant Human ST6GALNAC2 Protein (His Tag)

Catalog Number:PKSH033078



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

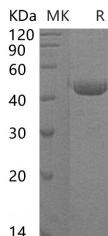
## Description

<b>Synonyms</b>	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
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Ser29-Arg374
<b>Accession</b>	Q9UJ37
<b>Calculated Molecular Weight</b>	38.8 kDa
<b>Observed molecular weight</b>	44 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 $\mu$ m filtered solution of 20mM PB, 150mM NaCl, 5mM EDTA, 5% Trehalose, pH 7.4.
<b>Reconstitution</b>	Not Applicable

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Alpha-N-Acetylgalactosaminide  $\alpha$ -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.

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017