

Recombinant Full Length Human ST3GAL1 Protein

Cat. No. ST3GAL1-501HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ST3GAL1 with N terminal proprietary tag. Predicted MW 63.47 kDa.
Species	Human
Source	In Vitro Cell Free System
Protein Length	340 amino acids
Description	The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi but can be proteolytically processed to a soluble form. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet.
Form	Liquid
Molecular Mass	63.470kDa inclusive of tags
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze /

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thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name ST3GAL1 ST3 beta-galactoside alpha-2,3-sialyltransferase 1 [Homo sapiens]

Official Symbol ST3GAL1

Synonyms ST3GAL1; ST3 beta-galactoside alpha-2,3-sialyltransferase 1; sialyltransferase 4A (beta galactosidase alpha 2,3 sialyltransferase) , SIAT4A; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 1; SIATFL; ST3Gal I; ST3GalA.1; ST3O

Gene ID 6482

mRNA Refseq NM_173344

Protein Refseq NP_775479

MIM 607187

UniProt ID Q11201

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