

Recombinant Human ST3GAL6 lysate, MYC/DDK-tagged

Cat. No. ST3GAL6-245HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ST3GAL6 HEK293T cell transient overexpression lysate (as WB positive control) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the sialyltransferase family. Members of this family are enzymes that transfer sialic acid from the activated cytidine 5'-monophospho-N-acetylneuraminic acid to terminal positions on sialylated glycolipids (gangliosides) or to the N- or O-linked sugar chains of glycoproteins. This protein has high specificity for neolactotetraosylceramide and neolactohexaosylceramide as glycolipid substrates and may contribute to the formation of selectin ligands and sialyl Lewis X, a carbohydrate important for cell-to-cell recognition and a blood group antigen.
Molecular Mass	38.2 kDa
Usage	1 vial of 20 µg lyophilized gene specific transient over-expression cell lysate
Storage Buffer	Upon receiving, store the sample at -20 centigrade. Avoid repeated freeze-thaw cycles after reconstitution. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade.
Reconstitution	Lysate samples can be reconstituted with SDS Sample Buffer.

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Shipping

The lysate can be shipped at ambient temperature.

GENE INFORMATION
Gene Name

ST3GAL6 ST3 beta-galactoside alpha-2,3-sialyltransferase 6 [Homo sapiens (human)]

Official Symbol

ST3GAL6

Synonyms

SIAT10; ST3GALVI; ST3GAL6; ST3 beta-galactoside alpha-2,3-sialyltransferase 6; type 2 lactosamine alpha-2,3-sialyltransferase; CMP-NeuAc:beta-galactoside alpha-2,3-sialyltransferase VI;alpha2,3-sialyltransferase ST3Gal VI; sialyltransferase 10 (alpha-2,3-sialyltransferase VI); EC 2.4.99.-

Gene ID

10402

mRNA Refseq

NM_006100

Protein Refseq

NP_006091

MIM

607156

UniProt ID

Q9Y274

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