# Recombinant Human ST3GAL6 lysate, MYC/DDK-tagged

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

## SPECIFICATION

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| **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

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| **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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