

Recombinant Human ST6GALNAC5 293 Cell Lysate

Cat. No. ST6GALNAC5-1435HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetyl Igaltosaminide alpha-2,6-sialyltransferase 5 (ST6GALNAC5) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

ST6GALNAC5 ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 5 [Homo sapiens]

Official Symbol

ST6GALNAC5

Synonyms

ST6GALNAC5; ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 5; sialyltransferase 7 ((alpha N acetylneuraminy 2,3 beta galactosyl 1,3) N acetyl galactosaminide alpha 2,6 sialyltransferase) E , SIAT7E; alpha-N-acetylglactosaminide alpha-2,6-sialyltransferase 5; MGC3184; ST6GalNAcV; SIAT7-E; ST6GalNAc V; GD1 alpha synthase; sialyltransferase 7E; GalNAc alpha-2,6-sialyltransferase V; alpha-N-acetylglactosaminide alpha-2,6-sialyltransferase V; ST6 neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 5; alpha-N-acetylneuraminy 2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase E; sialyltransferase 7 (alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) E; sialyltransferase 7 ((alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) E; SIAT7E;

Gene ID

81849

mRNA Refseq

NM_030965

Protein Refseq

NP_112227

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MIM	610134
UniProt ID	Q9BVH7
Chromosome Location	1p31.1
Pathway	Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Metabolic pathways, organism-specific biosystem;