

Recombinant Human ST6GALNAC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ST6GALNAC3-1707H Lot. No. (See product label)

SPECIFICATION

Product Overview	ST6GALNAC3 MS Standard C13 and N15-labeled recombinant protein (NP_694541) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ST6GALNAC3 belongs to a family of sialyltransferases that transfer sialic acids from CMP-sialic acid to terminal positions of carbohydrate groups in glycoproteins and glycolipids.
Molecular Mass	35.4 kDa
AA Sequence	MACILKRKSVIAVSFIAAFLFLLVVRLVNEVNFLLLNCFGQPGTKWIPFSYTYRRPLR THYGYINVKTQEPLQLDCDLCAIVSNSGQMVGQKVGNEIDRSSCIWRMNNAPTKGY EEDVGRMTMIRVVSHTSVPLLLKNPDYFFKEANTTIYVIWGPFRNMRKDGNGIVYNM LKKTVGIYPNAQIYVTTEKRMSYCDGVFKKETGKDRVQSGSYLSTGWFTFILAMDAC YGIHVYGMINDTYCKTEGYRKVPYHYEQGRDECDEYFLHEHAPYGGHRFITEKKV FAKWAKKHRIIFTHPNWTLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	ST6GALNAC3 ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 3 [Homo sapiens (human)]
Official Symbol	ST6GALNAC3
Synonyms	ST6GALNAC3; ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 3; STY; SIAT7C; PRO7177; ST6GALNACIII; alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3; GalNAc alpha-2,6-sialyltransferase III; ST6 (alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltran; ST6 (alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3; ST6 GalNAc alpha-2,6-sialyltransferase 3; alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase III; sialyltransferase 7 ((alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) C; sialyltransferase 7C; EC 2.4.99.7
Gene ID	256435
mRNA Refseq	NM_152996
Protein Refseq	NP_694541
MIM	610133

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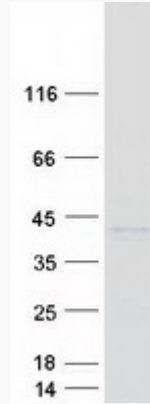
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UniProt ID

Q8NDV1

SDS-PAGE



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