

Product datasheet for PH309177

ST6GALNAC3 (NM_152996) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ST6GALNAC3 MS Standard C13 and N15-labeled recombinant protein (NP_694541)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209177
Predicted MW:	35.4 kDa
Protein Sequence:	>RC209177 protein sequence Red=Cloning site Green=Tags(s)

MACILKRKSVIAVSFIAAFLFLLVVRLVNEVNFLLLNCFGQPGTKWIPFSYTYRRPLRTHYGYINVKTQ
EPLQLDCDLCAIVSNSGQMGVQKVGNEIDRSSCIWRMNNAPTKGYEEDVGRMTMIRVVSHTSVPLLLKNP
DYFFKEANTTIYVIWGPFRNMRKDGNGIYVYMLKKTVGIYPNAQIYVTTTEKRMSYCDGVFKKETGKDRVQ
SGSYLSTGWFTFILAMDACYGIHVYGMINDTYCKTEGYRKVPYHYEYQGRDECDEYFLHEHAPYGGHRFI
TEKKVFAKWAKKHRIIFTHPNWTLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_694541
RefSeq Size:	3259
RefSeq ORF:	915
Synonyms:	PRO7177; SIAT7C; ST6GALNACIII; STY
Locus ID:	256435



[View online »](#)

UniProt ID: [Q8NDV1](#)

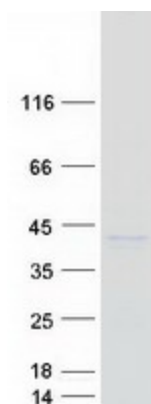
Cytogenetics: 1p31.1

Summary: 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 (Lee et al., 1999 [PubMed 10207017]).[supplied by OMIM, Mar 2008]

Protein Families: Transmembrane

Protein Pathways: Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways

Product images:



Coomassie blue staining of purified ST6GALNAC3 protein (Cat# [TP309177]). The protein was produced from HEK293T cells transfected with ST6GALNAC3 cDNA clone (Cat# [RC209177]) using MegaTran 2.0 (Cat# [TT210002]).