

Product datasheet for PH311170

SNTG1 (NM_018967) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | SNTG1 MS Standard C13 and N15-labeled recombinant protein (NP_061840) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC211170 |
| Predicted MW: | 58 kDa |
| Protein Sequence: | >RC211170 protein sequence Red=Cloning site Green=Tags(s) |

MDFRTACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEQDVICVSGEPFYSGERVTIIRRQTVGGFGL
SIKGGAEHNIPVVVSKISKEQRAELSGLLFIGDAILQINGINVRKCRHEEVVQVLRNAGEEVTLTVSFLK
RAPAFLLKPLNEDCACAPSDQSSGTSSPLCDSGLHNLNHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIP
LLHSRFSQYVPGTDLSRQNAFQVIAVDGVCTGIIQCLSAEDCVDWLQAIATNISNLTKHNIKKINRNFV
NQQIVYMGWCEAREQDPLQDRVYSPTFLALRGSCLYKFLAPPVTTWDWTRAECTFSVYEIMCKILKSDSL
LDRRKQCFVQSESGEDLYFSVELESDLAQWERAFQTATFLEVERIQCKTYACVLESHLMGLTIDFSTGF
ICFDAATKAVLWRYKFSQLKGSSDDGKSKIKFLFQNPDTKQIEAKELEFSNLFVAVLHCIHSFFAAKVA
DPLFLGNQATASTAASSATTSKAKYTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| 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: | <u>NP_061840</u> |
| RefSeq Size: | 3398 |
| RefSeq ORF: | 1551 |

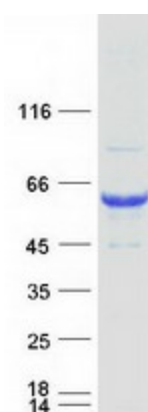


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Synonyms: G1SYN; SYN4
Locus ID: 54212
UniProt ID: [Q9NSN8](#), [A0A024R7Y0](#)
Cytogenetics: 8q11.21

Summary: The protein encoded by this gene is a member of the syntrophin family. Syntrophins are cytoplasmic peripheral membrane proteins that typically contain 2 pleckstrin homology (PH) domains, a PDZ domain that bisects the first PH domain, and a C-terminal domain that mediates dystrophin binding. This family member plays a role in mediating gamma-enolase trafficking to the plasma membrane and in enhancing its neurotrophic activity. Mutations in this gene are associated with idiopathic scoliosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2016]

Product images:



Coomassie blue staining of purified SNTG1 protein (Cat# [TP311170]). The protein was produced from HEK293T cells transfected with SNTG1 cDNA clone (Cat# [RC211170]) using MegaTran 2.0 (Cat# [TT210002]).