

Product datasheet for **TP311170M**

SNTG1 (NM_018967) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human syntrophin, gamma 1 (SNTG1), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC211170 protein sequence
Red=Cloning site **Green**=Tags(s)

MDFRTACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEQDVICVSGEPFYSGERTVTIRRQTVGGFGL
SIKGGAEHNIPVWVSKISKEQRAELSGLLFIGDAILQINGINVRKCRHEEVVQVLRNAGEEVLTVSFLK
RAPAFKLPLNEDCACAPSDQSSGTSSPLCDSGLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIP
LLHSRFSQYVPGTDLRQNAFQVIAVDGVCTGIIQCLSAEDCVDWLQAIATNISNLTKHNIKINRNFV
NQQIVYMGWCEAREQDPLQDRVYSPTFLALRGSCLYKFLAPPVTTWDWTRAETFSVYEIMCKILKDSDL
LDRRKQCFTVQSEGEDLYFSVELESDLAQWERAFQTATFLEVERIQCKTYACVLESHLMGLTIDFSTGF
ICFDAATKAVLWRYKFSQLKGSDDGKSKIKFLFQNPDTKQIEAKELEFSNLFAVLHCIHSFFAAKVA
CLDPLFLGNQATASTAASSATTSKAKYTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 57.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_061840](#)

Locus ID: 54212

UniProt ID: [Q9NSN8](#), [A0A024R7Y0](#)

RefSeq Size: 3398

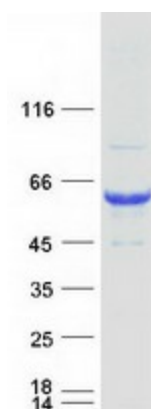
Cytogenetics: 8q11.21

RefSeq ORF: 1551

Synonyms: G1SYN; SYN4

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]).