

## Product datasheet for TP311170

### SNTG1 (NM\_018967) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human syntrophin, gamma 1 (SNTG1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211170 protein sequence Red=Cloning site Green=Tags(s)

MDFRTACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEQDVICVSGEPFYSGERTVTIRRQTVGGFGL  
SIKGGAEHNIPVWVSKISKEQRAELSGLLFIGDAILQINGINVRKCRHEEVVQVLRNAGEEVTLTVSFLK  
RAPAFKLPLNEDCACAPSDQSSGTSSPLCDSGLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIP  
LLHSRFSQYVPGTDLSRQNAFQVIAVDGVCTGIIQCLSAEDCVDWLQAIATNISNLTKHNIKINRNFPV  
NQQIVYMGWCEAREQDPLQDRVYSPTFLALRGSCLYKFLAPPVTTWDWTRAETFSVYEIMCKILKDSDL  
LDRRKQCFTVQSESGEDLYFSVELESDLAQWERAFQTATFLEVERIQCKTYACVLESHLMGLTIDFSTGF  
ICFDAATKAVLWRYKFSQLKGSDDGKSKIKFLFQNPDTKQIEAKELEFSNLFVAVLHCIHSFFAAKVAACL  
DPLFLGNQATASTAASSATTSKAKYTT

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.

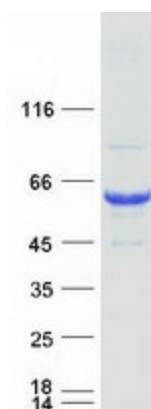


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RefSeq:	<a href="#">NP_061840</a>
Locus ID:	54212
UniProt ID:	<a href="#">Q9NSN8</a> , <a href="#">A0A024R7Y0</a>
RefSeq Size:	3398
Cytogenetics:	8q11.21
RefSeq ORF:	1551
Synonyms:	G1SYN; SYN4

**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]).