

Recombinant Full Length Human SNTG1 Protein, C-Flag-tagged

Cat. No. SNTG1-1118HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SNTG1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	57.8 kDa
AA Sequence	MDFRTACEETKTGICLLQDGNQEPFKVRLHLAKDILMIQEVDVICVSGEPFYSGERT VTIRRQTVGGFGL SIKGGAEHNPVVVSKISKEQRAELSGLLFIGDAILQINGINVRKC RHEEVVQVLRNAGEEVTLTVSFLK RAPAFLKLPLNEDCACAPSDQSSGTSSPLCDS GLHLNYHPNNTDTLSCSSWPTSPGLRWEKRWCDLRLIP LLHSRFSQYVPGTDLSR QNAFQVIAVDGVCTGIIQCLSAEDCVDWLQAIATNISNLTKHNIKKINRNPV NQQIVY

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MGWCEAREQDPLQDRVYSPTFLALRGSCLYKFLAPPVTTWDWTRAECTFSVYEIM
 CKILKDSDL LDRRKQCFTVQSESGEDLYFSVELESCLAQWERAFTATFLEVERIQ
 KTYACVLESHLMGLTIDFSTGF ICFDAATKAVLWRYKFSQLKGSSDDGKSKIKFLFQ
 NPDTKQIEAKELEFSNLFVLAHLCIHSFFAAKVACL
 DPLFLGNQATASTAASSATTSKAKYTTTTTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	SNTG1 syntrophin gamma 1 [Homo sapiens (human)]
Official Symbol	SNTG1
Synonyms	SYN4; G1SYN
Gene ID	54212
mRNA Refseq	NM_018967.5

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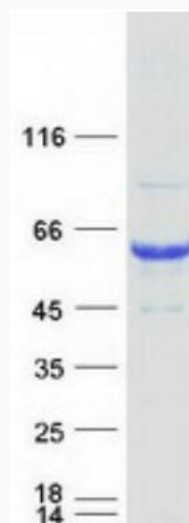
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Protein Refseq NP_061840.1

MIM 608714

UniProt ID Q9NSN8



Coomassie blue staining of purified SNTG1 protein.

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