

Product datasheet for **TP322968M**

Syntrophin gamma 2 (SNTG2) (NM_018968) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human syntrophin, gamma 2 (SNTG2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222968 representing NM_018968 Red =Cloning site Green =Tags(s)

MGTEGPPPPAASRGRQGCLLPARTKTTIALLYDEESENAYDIRLKLTKVLTIQKQDWVCVGGSHQGRN
RRTVTLRRQPVGGLGLSIKGGSEHNVPVVISKIFEDQAADQTGMLFVGDAVLQVNGIHVENATHEEVHL
LRNAGDEVITVEYLRAPAFKLPLGSPGPSSDHSSGASSPLFDSGLHLNGNSSTTAPSSPSSPIAKDP
RYEKRWLDTLSVPLSMARISRYKAGTEKLRWNAFEVLALDGVSSGILRFYTAQDGTDWLRAVSANIRELT
LQNMKMANKCCSPSDQVHMGWVNEKLQGADSSQTFRPKFLALKGPSFYVFSTPPVSTFDWVRAERTY
HL
CEVLFKVHKFWLTEDCWLQANLYLGLQDFDFEDQRPYCFISIVAGHGKSHVFNVELGSELAMWEKSFQRA
T
FMEVQRTGSRTYMC SWQGEMLCFTVDFALGFTCFESKTKNVLWRFKFSQLKGSSDDGKTRVKLLFQNL
T
KQIETKELEFQDLRAVLHCIHSFIAAKVASVDPGFMDMSQSLARKYMYSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

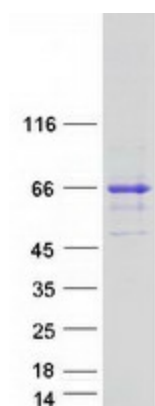
Tag:	C-Myc/DDK
Predicted MW:	60 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_061841</u>
Locus ID:	54221
UniProt ID:	<u>Q9NY99</u>
RefSeq Size:	1904
Cytogenetics:	2p25.3
RefSeq ORF:	1617
Synonyms:	G2SYN; SYN5
Summary:	This gene encodes a protein belonging to the syntrophin family. Syntrophins are cytoplasmic peripheral membrane proteins that bind to components of mechanosensitive sodium channels and the extreme carboxy-terminal domain of dystrophin and dystrophin-related proteins. The PDZ domain of this protein product interacts with a protein component of a mechanosensitive sodium channel that affects channel gating. Absence or reduction of this protein product has been associated with Duchenne muscular dystrophy. There is evidence of alternative splicing yet the full-length nature of these variants has not been described. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SNTG2 protein (Cat# [TP322968]). The protein was produced from HEK293T cells transfected with SNTG2 cDNA clone (Cat# [RC222968]) using MegaTran 2.0 (Cat# [TT210002]).