

Recombinant Human SMTNL1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SMTNL1-209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SMTNL1 MS Standard C13 and N15-labeled recombinant protein (NP_001099035) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is involved in the contraction of both striated and smooth muscle. During pregnancy, the encoded protein interacts with progesterone receptor to attenuate the expression of contractile and metabolic proteins. [provided by RefSeq, Jul 2016]
Molecular Mass	52.99 kDa
AA Sequence	MEQKEGKLSGDGTTVSPAADNPMSGGGAPAEETKGTAGKAINEGPPTESGKQEK APAEDGMSAELQGEANGLDEVKVESQREAGGKEDAEELKKEDGEKEETTSGSQE MTGRKEETKSEPKEAEEKESTLASEKQKAEKEAKPESGQKADANDRDKPEPKATV EEEDAKTASQEETGQRKECSTEPKEKATDEEAKAESQKAVVEDEAKAEPKEPDGKE EAKHGAKEEADAKEEAEDAEAAEPGSPSEEQEQDVEKEPEGGAGVIPSSPEEWPE SPTGEGHNLSTDGLGPDCVASGQTSPSASESSPSDVPQSPPESSSGEKKEKAPE RRVSAPARPRGPRAQNRKAIVDKFGGAASGPTALFRNTKAAGAAIGGVKNMLLEWC RAMTKKYEHVDIQNFSSSWSSGMAFCALIHKFFPDADFYAELDPAKRRHNFTLAFST AEKLADCAQLLDVDDMVRLAVPDSKCVYTYIQELYRSLVQKGLVKTKKKTRTRPLEQ

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

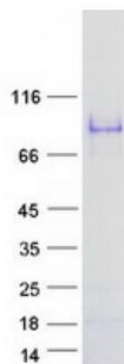
GENE INFORMATION

Gene Name	SMTNL1 smoothelin like 1 [Homo sapiens (human)]
Official Symbol	SMTNL1
Synonyms	SMTNL1; smoothelin like 1; CHASM; smoothelin-like protein 1; calponin homology-associated smooth muscle protein
Gene ID	219537
mRNA Refseq	NM_001105565
Protein Refseq	NP_001099035
MIM	613664
UniProt ID	A8MU46

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SDS-PAGE

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