

Recombinant Mouse Smtnl1 Protein, Myc/DDK-tagged

Cat. No. Smtnl1-5981M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length smoothelin-like 1 (Smtnl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the regulation of contractile properties of both striated and smooth muscles. When unphosphorylated, may inhibit myosin dephosphorylation. Phosphorylation at Ser-301 reduces this inhibitory activity.
Molecular Mass	49.5 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Smtnl1 smoothelin-like 1 [Mus musculus (house mouse)]
Official Symbol	Smtnl1
Synonyms	Smtnl1; smoothelin-like 1; Cha; CHASM; 1110030K22Rik; smoothelin-like protein 1; calponin homology-associated smooth muscle protein
Gene ID	68678
mRNA Refseq	NM_024230
Protein Refseq	NP_077192
UniProt ID	Q99LM3

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