

Product datasheet for TP507334

Smtnl1 (NM_024230) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse smoothelin-like 1 (Smtnl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207334 protein sequence Red =Cloning site Green =Tags(s)

MEQTEGNSSDGGTTVSPDTAGNLETPGSQGI AEEVAEGTVGTSDKEGSPDWAEHLCKAASKSGESGGSPGE
ASILDELKTDLQGEARGKDEAQQDLAEEKV GKEDTTAASQEDTGKKEETKPEPNEVREKEEAMLASEKQK
VDEKETNLESKEKSDVNDKAKPEPKEDAGA ETVNEAETESQEEADV KDAQPELPEVDGKETGSDTKEL
VEPESPTTEEQEQGKENESEERAAVIPSSPEEW PESPTDEGPSLSPDGLAPESTGETSPSASESSPSEVPG
SPTEPQPSEKKKDRAPERRVSAPSRPRGPRA QNRKAIMDKFGGAASGPTALFRNTKAAGAAIGGVKNMLL
EWC RAMTRNYEHVDIQNFSSSWSSGMAFCAL IHKFFPEAFDYAELDPAKRRRHNFTLAFSTA EKLADCAQL
LEVDDMVR LAVPDSKCVYTYIQELYRSLVQKGLVKTKKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	49.5 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
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 after receiving vials.
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_077192</u>
Locus ID:	68678



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UniProt ID: [Q99LM3](#)

RefSeq Size: 1761

Cytogenetics: 2 D

RefSeq ORF: 1377

Synonyms: 1110030K22Rik; CHASM

Summary: 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.[UniProtKB/Swiss-Prot Function]