

Recombinant Mouse Myl9 Protein, Myc/DDK-tagged

Cat. No. Myl9-4256M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myosin, light polypeptide 9, regulatory (Myl9), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Implicated in cytokinesis, receptor capping, and cell locomotion.
Molecular Mass	20.3 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	MyI9 myosin, light polypeptide 9, regulatory [Mus musculus (house mouse)]
Official Symbol	MyI9
Synonyms	MYL9; myosin, light polypeptide 9, regulatory; myosin regulatory light polypeptide 9; myosin regulatory light chain 9; myosin light chain, regulatory C; myosin regulatory light chain 2, smooth muscle isoform; MLC20; RLC-C; Mylc2c; AI327049
Gene ID	98932
mRNA Refseq	NM_172118
Protein Refseq	NP_742116
UniProt ID	Q9CQ19

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