



Item Number	rAP-3674
Synonyms	Myosin regulatory light polypeptide 9, Myosin regulatory light chain 2, Myosin regulatory light chain 9, Myl9, Myrl2.
Description	MYL9 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (1-172 a.a) and having a molecular mass of 22.4kDa.MYL9 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9CQ19
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS HMSSKRA KAKTTKKRPQ RATS NVFAMF DQS QIQEFKE AFNMIDQN RD GFIDKEDLHD MLASLGKNPT DEYLEGMMNE APGPINFTMF LTMFG EKLN G TDPEDVIR- NA FACFDEEASG FIHEDHLREL LTTMGRDRTD EEVD EMYREA PIDKKGNFN Y VEFTRILKHG AKDKDD
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	MYL9 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol &and &1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**