

Non-Muscle Myosin-II Regulatory Light Chain Human Recombinant

Item Number	rAP-3678
Synonyms	Non-Muscle Myosin-II Regulatory Light Chain, NMM.
Description	Non-Muscle Myosin-II Regulatory Light Chain Human Recombinant full length expressed in E.coli. The NMM is purified by proprietary chromatographic techniques.
Uniprot Accession Number	
Amino Acid Sequence	MSSKKAKTKT TKKRPQRATS NVFAMFDQSQ IQEFKEAFNM IDQNRDGFID KEDLHDMLAS LGKNPT-DAYL DAMMNEAPGP INFTMFLTMF GEKLNQTDPE DVIRNAFACF DEEATGTIQE DYLRRELLTTM GDRFTDEEVD ELYREAPIDK KGNFNYIEFT RILKHGAKDK DD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.
Formulation and Purity	NMM protein at 0.2mg/ml in 20mM HEPES-KOH, pH7, 50mM NaCl, 1mM EDTA and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Assayed for phosphorylation by MLCK.
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**