

Non-Muscle Myosin-II Regulatory Light Chain Human Recombinant

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| 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 Accesion Number | |
| Amino Acid Sequence | MSSKKAKTKT TKKRPQRATS NVFAMFDQSQ IQEFKEAFNM IDQNRDGFID KEDLHDMLAS LGKNPT-DAYL DAMMNEAPGP INFTMFLTMF GEKLNQTDPE DVIRNAFACF DEEATGTIQE DYLLRELLTTM GDRFTDEEVD ELYREAPIDK KGNFNIEFT 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**