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TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

Recombinant Human Non-Muscle Myosin II Regulatory Light Chain (rHuNMM)

CLPRO366
CLPRO366-2
LOT: 906NMM01

Description: Non-muscle Myosins are required for cytokinesis at the end of cell division, when a contractile ring near the plasmalemma divides the cytoplasm of the daughter cells. They are involved in cytoplasmic streaming movements in tissues, and especially in activation of motile cells such as fibroblasts and macrophages. Activation of non-muscle myosin-II is achieved by phosphorylation of Ser³³ in the motif KKRPRATS³³ by a dedicated Ca⁺² Calmodulin regulated light chain kinase (MLCK).

Source: Recombinant full length human NMM protein expressed in *E.coli*.

Formulation: 2µg (CLPRO366) or 10µg (CLPRO366-2) purified human NMM protein at 0.2 mg/ml in 20mM HEPES-KOH, pH7, 50mM NaCl, 1mM EDTA and 1mM DTT.

Storage and Stability: Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Applications: ELISA, Inhibition Assays, Western Blotting

Activity: Assayed for phosphorylation by MLCK.

FOR RESEARCH USE ONLY.

JV 09/14/06

For more information or to place an order please contact...

CEDARLANE®
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