www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

MAPK11 Human

Catalog #:PKPS-020

For research use only.

Description:MAPK11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 387 amino acids (1-364 a.a.) and having a molecular mass of 43.8kDa.MAPK11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Mitogen-activated protein kinase 11, PRKM11, SAPK2, p38-2, p38Beta, Mitogen-activated protein kinase p38 beta, Stress-activated protein kinase 2b, SAPK2B, MAP kinase 11, MAP kinase p38 beta, MAPK 11, P38BETA2, mitogen-activated protein kinase p38-2, EC 2.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMSGPRAG FYRQELNKTV WEVPQRLQGL RPVGSGAYGS VCSAYDARLR QKVAVKKLSR PFQSLIHARR TYRELRLLKH LKHENVIGLL DVFTPATSIE DFSEVYLVTT LMGADLNNIV KCQALSDEHV QFLVYQLLRG LKYIHSAGII HRDLKPSNVA VNEDCELRIL DFGLARQADE EMTGYVATRW YRAPEIMLNW MHYNQTVDIW SV

Purity: Greater than 90.0% as determined by SDS-PAGE analysis.

Formulation:
MAPK11 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 2mM DTT, 100mM NaCl and 20% glycerol.

Stability:
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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
MAPK11 belongs to the MAP kinase family and is most associated with p38 MAP kinases (MAPKs). MAPKs are activated mainly as a reaction to cellular stress and inflammatory cytokines, and inhibitors that target the MAPK14 and MAPK11 have demonstrated ability to cure inflammatory disease. MAPK11 cooperates with HDAC3 and Promyelocytic leukemia protein and takes part in a signal transduction pathway which is activated by alterations in the osmolarity of the extracellular environment, by environmental stress, or by cytokines.

To place an order, please Click HERE.