

Human MAPK12 Recombinant Protein



RPPB2573

Product Information Protein Information

Product SKU:

RPPB2573

Accession:

P53778

Host:

Escherichia Coli.

Protein description:

MAPK12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 387 amino acids (1-367 a.a.) and having a molecular mass of 44.1kDa. MAPK12 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Mitogen-activated protein kinase 12, SAPK3, ERK6, PRKM12, Extracellular signal-regulated kinase 6, Mitogen-activated protein kinase p38 gamma, Stress-activated protein kinase 3, MAP kinase 12, MAP kinase p38 gamma, MAPK 12, ERK3, p38gamma, EC 2.7.11.24, EC 2.7.11.

Formulation:

MAPK12 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE analysis.

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSSPPPARSG FYRQEVTKTA WEVRAVYRDL QPVGSGAYGA VCSAVDGRTG
AKVAIKLYR PFQSELFAR AYRELRLKHK MRHENVIGLL DVFTPDETLD DFTDFYLVMP FMGTDLGKLM
KHEKLGEDRI QFLVYQMLKG LRYIHAAGII HRDLKPGNLA VNEDCELKIL DFGLARQADS EMTGYVVTRW
YRAPEVILNW MRYTQTVDIW SVGCIMAEMI TGKTLFKGSD HLDQLKEIMK VTGTPPAEFV QRLQSDEAKN
YMKGLPELEK KDFASILTNA SPLAVNLEK MLVLDAEQRV TAGEALAHYPY FESLHDEDE PQVQKYDDSF
DDVDRTLDEW KRVTYKEVLS FKPPRQLGAR VSKETPL.