

Mitogen-Activated Protein Kinase 11 Human Recombinant

Item Number	rAP-1288
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.
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.
Uniprot Accession Number	Q15759
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGMSGPRAG FYRQELNKT VWEVPQRLQGL RPVGSGAYGS VCSAYDARLR QKVAVKKLSR PFQSLIHARR TYRELRLKH LKHENVIGLL DVFTPATSIE DFSEVYLVTT LMGADLNNIV KCQALSDEHV QFLVYQLLRG LKYIHSAGII HRDLKPSNVA VNEDCELRII DFGLARQADE EMTGYVATRW YRAPEIMLNW MHYNQTVDIW SVGCIMAELL QGKALFPGSD YIDQLKRIME VVGTP- SPEVL AKISSEHART YIQSLPPMPQ KDLSSIFRGA NPLAIDLLGR MLVLDSDQRV SAAEALAHAY FSQYHDPED EPEAPYDESV EAKERTLEEW KELTYQEVLS FKPPEPPKPP GSLEIEQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	MAPK11 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 2mM DTT, 100mM NaCl and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE analysis.
Application	
Solubility	
Biological Activity	
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**