

Mitogen-Activated Protein Kinase 13 Human Recombinant

Item Number	rAP-1726
Synonyms	Mitogen-activated protein kinase 13, PRKM13, SAPK4, p38delta, Mitogen-activated protein kinase p38 delta, Stress-activated protein kinase 4, MAP kinase 13, MAP kinase p38 delta, EC 2.7.11.24.
Description	MAPK13 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 385 amino acids (1-365) and having a molecular mass of 44.2 kDa. MAPK13 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O15264
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSLIRKKGFY KQDVNKTAW E LPKTYVSP TH VGSGAYGSVC SAIDKRSGEK VAIKKLSRPF QSEIFAKRAY RELLLLKHM Q HENVIGLLDV FTPASSLRNF YDFYLVMPFM QTDLQKIMG M EFSEEKIQL VYQMLKGLKY IHSAGVVHRD LKPGNLAVNE DCELKILDFG LAR- HADAEMT GYVTRWYRA PEVILSWMHY NQTVDIWSVG CIMAEMLTGK TLFKGKDYLD QLTQILKVTG VPGTEFVQKL NDKAAKSYIQ SLPQTPRKDF TQLFPRASPQ AADLLEKMLE LDVDKRLTAA QALTH- PFFEP FRDPEEETEA QQPFDDSL EHKLTVD EWKQ HIYKEIVNFS PIARKDSRRR SGMKL.
Source	E.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	The MAPK13 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
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**