

Mitogen-Activated Protein Kinase 8 Human Recombinant

Item Number	rAP-1295
Synonyms	Mitogen-activated protein kinase 8, MAPK8, MAP kinase 8, MAPK 8, JNK-46, Stress-activated protein kinase 1c, SAPK1c, Stress-activated protein kinase JNK1, c-Jun N-terminal kinase 1, JNK1, PRKM8, SAP-K1, SAPK1C, Mitogen-activated protein kinase 8 JNK beta 2
Description	MAPK8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 450 amino acids (1-427a.a) and having a molecular mass of 50.5kDa. MAPK8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P45983
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRSKRDN NFYSVEIGD STFTVLKRYQ NLKPIGSGAQ GIVCAAYDAI LERNVAIKKL SRPFQNTQTHA KRAYRELVLK KCVNHKNIIG LLNVFTQKS LEEFQDYYIV MELMDANLCQ VIQMELDHER MSYLLYQMLC GIKHLHSAGI IHRDLKPSNI VVKSDCTLKI LDFGLARTAG TSFMMPYVYV TRYRAPEVI LGMGYKENVD IWSVGCIMGE MIKGGVLFPG TDHIDQWNKV IE- QLGTPCPE FMKKLQPTVR TYVENRPKYA GYSFEKLFPD VLFPADSEHN KLKASQARDL LSKMLVIDAS KRISVDEALQ HPYINWYDP SEAEAPPPKI PDKQLDEREH TIEEWKELIY KEVMDLEERT KNGVIRGQPS PLGAAVINGS QHPSSSSSVN DVSSMSTDPT LASDTSLSLE AAAGPLGCCR.
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	MAPK8 solution (0.5mg/ml) contains Phosphate Buffer Saline (pH7.4), 20% glycerol and 1mM DTT. Greater than 85% 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**