

Mitogen-Activated Protein Kinase Kinase 3 Human Recombinant

Item Number	rAP-1287
Synonyms	Dual specificity mitogen-activated protein kinase kinase 3, MAP kinase kinase 3, MAPKK 3, MAPK/ERK kinase 3, MEK 3, MAP2K3, MEK3, MKK3, PRKMK3.
Description	MAP2K3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 338 amino acids (1-318) and having a molecular mass of 38.3kDa. MAP2K3 is fused to 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P46734
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSKPPAPNPT PPRNLDSRTF ITIGDRNFEV EADDLVTISE LGRGAYGVVE KVRHAQSGTI MAVKRIRATV NSQEQKRLLM DLDINMRTVD CFYTVTFYGA LFRE- GDVWIC MELMDTSLDK FYRKVLKDNM TIPEDILGEI AVSIVRALEH LHSKLSVIHR DVKPSNVLIN KEGHVKMCDG GISGYLVDSV AKTMDAGCKP YMAPERINPE LNQKGYNVKS DVWSLGITMI EMAILRF- PYE SWGTPFPQQLK QVVEEPSQL PADRFSPFEV DFTAQCLRKN PAERMSYLEL MEHPFFTLHK TKKTDIAAFV KEILGEDS.
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	MAP2K3 solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 90.0% 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**