

Mitogen-Activated Protein Kinase-Activated Protein Kinase 3 Human

Item Number	rAP-1683
Synonyms	3PK, MAPKAP-K3, MAPKAP3, MAPKAPK-3, MK-3, MAP kinase-activated protein kinase 3, MAPK-activated protein kinase 3, MAPKAP kinase 3, MAPKAPK-3, MK-3, MAPKAPK3.
Description	MAPKAPK3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 405 amino acids (1-382 a.a) and having a molecular mass of 45.4kDa. MAPKAPK3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q16644
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDGETAE EQGGPVPPPVPV APGGPGLGGA PGGRRPEPKKY AVTD-DYQLSK QVLGLGVNGK VLECFHRRGT QKCALKLLYD SPKARQEVHD HWQASGGPHI VCILDVYENM HHGKRCLLI MECMEGGELF SRIQERGDQA FTEREAAEIM RDIGTAIQL HSHNIAHRDV KPENLLYTSK EKDAVLKLTG FGFAKETTON ALQTPCYTPY YVAPEVLGPE KYDKSCDMWS LGVIMYILLC GFPPFYSNTG QAISPGMKRR IRLGQYGFPN PEWSEVEDA KQLIRLLLT DPTERLTITQ FMNHP-WINQS MVVPQTPLHT ARVLQEDKDH WDEVKEEMTS ALATMRVDYD QVKIKDLKTS NNRLLNKRRK KQAGSSASQ GCNNQ.
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	MAPKAPK3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT. Greater than 95% 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**