

Mitogen-Activated Protein Kinase 9 Human Recombinant

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| Item Number | rAP-1292 |
| Synonyms | Mitogen-activated protein kinase 9, MAP kinase 9, MAPK 9, JNK-55, Stress-activated protein kinase 1a, SAPK1a, Stress-activated protein kinase JNK2, c-Jun N-terminal kinase 2, MAPK9, JNK2, PRKM9, SAPK, p54a, JNK2A, JNK2B, JNK2BETA, p54aSAPK, JNK2ALPHA. |
| Description | MAPK9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 406 amino acids (1-382 a.a) and having a molecular mass of 46.6kDa. MAPK9 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P45984 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MGSMSDSKC DSQFYSVQVA DSTFTVLKRY QQLKPIGSGA QGIVCAAFDT VLGINAVVKK LSRPFQNTQTH AKRAYRELV LKCVNHKNII LLNVFTPQK TLEEFQDVYL VMELMDANLC QVIHMELDHE RMSYLLYQML CGIKHLHSAG IHRDLKPSN IVVKS DCTLK ILDFGLARTA CTNFMMPYV VTRYRRAPEV ILGMGYKENV DIWSVGCIMG ELVKGCVIFQ GTDHIDQWNK VIEQLGTPSA EFMKKLQPTV RNYVENRPKY PGIKFEELFP DWIFPSESER DKIKTSQARD LLSKMLVIDP DKRISVDEAL RHPYITVWYD PAEAEAPPQ IYDAQLEERE HAIEEWKELI YKEVMDWEER SKNGVVKDQP SAQMQQ. |
| 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 | MAPK9 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT. Greater than 95.0% 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**