

## 32-6989: MAPK10 Human

**Alternative Name :** C-Jun N-Terminal Kinase 3, MAP Kinase P49 3F12, MAP Kinase 10, PRKM10, SAPK1b, JNK3A, JNK3.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

MAPK10 is part of the MAP kinase protein family. MAP Kinases perform as assimilation point for many biochemical pathways. The enzyme also takes part in wide range of cellular pathways: differentiation, proliferation, development and transcription regulation.

MAPK10 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 470 amino acids (1-464 a.a.) and having a molecular mass of 53.4kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). MAPK10 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

**Purification :** Greater than 85.0% as determined by SDS-PAGE.

**Content :** MAPK10 is protein solution ( 0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4), 30% glycerol, 1mM DTT and 0.1mM PMSF.

**Storage condition :** 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.

**Amino Acid :** MSLHFLYYCS EPTLDVKIAF CQGFDKQVDV SYIAKHYNMS KSKVDNQFYS VEVGDSTFTV LKRYQNLKPI GSGAQGIVCA AYDAVLDRNV AIKKLSRPFQ NQTHAKRAYR ELVLMKCVNH KNIISLLNVF TPQKTLEEFQ DVYLVME LMD ANLCQVIQME LDHERMSYLL YQMLCGIKHL HSAGIIHRDL KPSNIVVKSD CTLKILDFGL ARTAGTSFMM TPYVVTRYR APEVILGMGY KENVDIWSVG CIMGEMVRHK ILFPGRDYID QWNKVIEQLG TPCPEFMKKL QPTVRNYVEN RPKYAGLTFP KLPDLSLFA DSEHNKLKAS QARDLLSKML VIDPAKRISV DDALQHPYIN VWYDPAEVEA PPPQIYDKQL DEREHTIEEW KELIYKEVMN SEEKTKNGVV KGQPSPSGAA VNSSESLPPS SSVNDISSMS TDQTLASDTD SSLEASAGPL GCCRHHHHHH.