

MAPK9, 1-382aa Human, His tag, E.coli

Cat.NO.: TP02907

3th Edition

Synonyms:Mitogen-activated protein kinase 9, JNK-55, JNK2, JNK2A, JNK2ALPHA, JNK2B, JNK2BETA, p54a, p54aSAPK, PRKM9, SAPK, SAPK1a.

Description:Mitogen-activated protein kinase 9, also known as MAPK9, is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. MAPK9, when active as a dimer, can translocate to the nucleus and regulate transcription through its effects on c-Jun, ATF-2, and other transcription factors.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:46.6kDa (406aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMSDSKCD SQFY SVQVADSTFTVLKRYQQLKPIGSGAQQGIVCAAFD TVLGIN
VAVKKLSRPFQNT HAKRAYREL VLLKCVNHKNIISLLNVFT PQKTL EEFQDVYLV MELMDANLCQVIHMELDHERM
SYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKS DCTLKILDFGLARTACTNFM MTPYVVTRY YRAPEVILGMGYKENV
DIWSVGCIMGELVKGC VIFQGTDHIDQWNKVIEQLGTPSAEFMKKLQPTVRNYVENR PKYPGIKFEELFPDWIFPSE
SERDKIKTSQARDLLSKMLVIDPDKRISVDEALRHPYITVWYDPAEAEAPPPQIYDAQLEEREHAIEEWKELIYKEVM
DWEERSKNGVVKDQPSAQMQQ

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.