NKMAXBio we support you, we believe in your research Recombinant human p38 delta/MAPK13 protein Catalog Number: ATGP1285

PRODUCT INFORMATION

Expression system E.coli

Domain 1-365aa

UniProt No. 015264

NCBI Accession No. NP_002745.1

Alternative Names Mitogen-activated protein kinase 13, MGC99536, p38delta, PRKM13, SAPK4

PRODUCT SPECIFICATION

Molecular Weight 44.2 kDa (385aa) confirmed by MALDI-TOF

Concentration 1mg/ml (determined by Bradford assay)

Formulation Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

Purity > 90% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

MAPK13, also known as mitogen-activated protein kinase 13, 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. It is a related protein that is phosphorylated by MKK6 in response to cytokines and cellular stresses. Recombinant human MAPK13 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



Amino acid Sequence

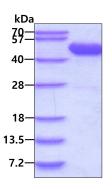
<MGSSHHHHHH SSGLVPRGSH> MSLIRKKGFY KQDVNKTAWE LPKTYVSPTH VGSGAYGSVC SAIDKRSGEK VAIKKLSRPF QSEIFAKRAY RELLLLKHMQ HENVIGLLDV FTPASSLRNF YDFYLVMPFM QTDLQKIMGM EFSEEKIQYL VYQMLKGLKY IHSAGVVHRD LKPGNLAVNE DCELKILDFG LARHADAEMT GYVVTRWYRA PEVILSWMHY NQTVDIWSVG CIMAEMLTGK TLFKGKDYLD QLTQILKVTG VPGTEFVQKL NDKAAKSYIQ SLPQTPRKDF TQLFPRASPQ AADLLEKMLE LDVDKRLTAA QALTHPFFEP FRDPEEETEA QQPFDDSLEH EKLTVDEWKQ HIYKEIVNFS PIARKDSRRR SGMKL

General References

Nishida E. et al. (1993) Trends Biochem. Sci. 18: 128-131. Wang X.S. et al. (1997) J. Biol. Chem. 272: 23668-23674.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.