

MAPKSP1, 1-124aa, Human, His tag, E.coli

Cat.NO.: TP02909

3th Edition

Synonyms:Mitogen-activated protein kinase scaffold protein 1, MAP2K1IP1, MAPBP, MP1

Description:MAPKSP1 (Mitogen-activated protein kinase scaffold protein 1) is a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade. The protein is localized to late endosomes by the mitogenactivated protein-binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/MEK1, MAP kinase MAPK3/ERK1, and MAP kinase MAPK1/ERK2.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol,5mM DTT, 100mM NaCl

Molecular Weight:15.8kDa (144aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMADDLKRFLYKKLPSVEGLHAIVVSDRDGVPVIKVANDNAPEHALRPGFLSTFALA
TDQGSKLGLSKNKSIIICYNTYQVVQFNRLPLVVFSFIASSSANTGLIVSLEKELAPLFEELRQVVEVS

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.