

Recombinant Human MAPK Scaffold Protein 1, His-tagged

Cat. No. MAPKSP1-937H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAPKSP1 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 15.8kDa (144aa).
Species	Human
Source	<i>E.coli</i>
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 mitogen-activated 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.
Purity	> 95% by SDS - PAGE.
Concentration	0.5mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	GSSHHHHHH SSGLVPRGSH MADDLKRFLY KKLPSVEGLH AIVVSDRDGV PVIK VANDNA PEHALRPGFL STFALATDQG SKLGLSKNKSIIICYNTYQV VQFNRLPLVV SFIASSSANT GLIVSLEKEL APLFEELRQV VEVs.

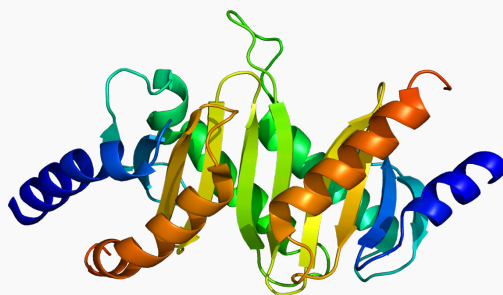
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Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Pathways	MAPK signaling pathway
GENE INFORMATION	
Gene Name	MAPKSP1 MAPK scaffold protein 1 [Homo sapiens]
Synonyms	MAPK scaffold protein 1; MP1; MAPBP; MAP2K1IP1; MAPKSP1; PRO0633; mitogen-activated protein kinase scaffold protein 1; MEK partner 1; OTTHUMP00000219461; MEK binding partner 1; MEK-binding partner 1; mitogen-activated protein kinase kinase 1 interacting protein 1; mitogen-activated protein kinase kinase 1-interacting protein 1; Mitogen-activated protein kinase kinase 1-interacting protein 1; Mp1
Gene ID	8649
mRNA Refseq	NM_021970
Protein Refseq	NP_068805
MIM	603296
UniProt ID	Q9UHA4
Chromosome Location	4q23
Function	protein binding

PDB rendering based
on 1sko.



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