9051 Mira Mesa Blvd, #910094
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MAPKSP1 Human

MAPK Scaffold Protein 1 Human Recombinant
RCP1318

Product Overview

Name	MAPKSP1 Human
Description	
MAPK Scaffold Protein 1 Human Recombinant	
Accession (Primary)	Q9UHA4
Synonyms	
MAPBP, MP1, MAPK Scaffold Protein 1, Interacting Protein 1, MEK binding partner 1, Mitogen-Activated Protein Kinase kinase 1.	
Introduction	
MAPKSP1 is a scaffold protein which operates in the extracellular signal-regulated kinase (ERK) cascade. MAPKSP1 protein is restricted 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The MAPKSP1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 5mM DTT, 100mM NaCl and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MADDLKRFLY KKLPSVEGLH AIVVSDRDGV PVIKVANDNA PEHALRPGFL STFALATDQG SKLGLSKNKS IICYYNTYQV VQFNRLPLVV SFIASSSANT GLIVSLEKEL APLFEELRQV VEVS	
Precautions	
MAPKSP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9UHA4)