

## 32-4168: Recombinant Human MAPK Scaffold Protein 1

**Alternative Name :** MAPBP,MP1,MAPK Scaffold Protein 1,Interacting Protein 1,MEK binding partner 1,Mitogen-Activated Protein Kinase kinase 1.

### Description

Source : Escherichia Coli. MAPKSP1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 144 amino acids (1-124a.a.) and having a molecular mass of 15.8kDa.MAPKSP1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** The MAPKSP1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 5mM DTT, 100mM NaCl and 20% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MADDLKRFLY KKLPSVEGLH AIVVSDRDGV PVIKVANDNA PEHALRPGFL STFALATDQG SKLGLSKNKS IICYNTYQV VQFNRLPLVV SFIASSANT GLIVSLEKEL APLFEELRQV VEVS

