

Product Name: Recombinant Human Mp1 (N-6His)
Catalog #: PEH1177

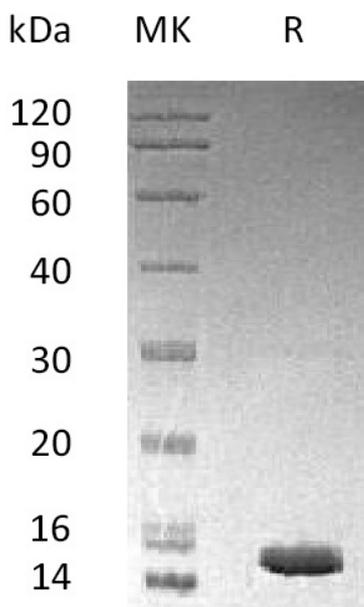


Summary

Name	Mp1/MAPKSP1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Mitogen-Activated Protein Kinase Scaffold Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Ser124 is expressed with a 6His tag at the N-terminus.
Accession #	Q9UHA4
Host	E.coli
Species	Human
Predicted Molecular Mass	15.78 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 5mM DTT, 30% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Ragulator Complex Protein LAMTOR3; Late Endosomal/Lysosomal Adaptor and MAPK and MTOR Activator 3; MEK-Binding Partner 1; Mp1; Mitogen-Activated Protein Kinase Kinase 1-Interacting Protein 1; Mitogen-Activated Protein Kinase Scaffold Protein 1; LAMTOR3; MAP2K1IP1; MAPKSP1

Background

Mitogen-Activated Protein Kinase Scaffold Protein 1 (MAPKSP1) was identified as an interacting protein that belongs to the LAMTOR3 family. MAPKSP1 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. MAPKSP1 interacts with MAP2K1/MEK1 and MAPK2 and enhances the activation of MAPK2, and thus is thought to function as an adaptor to enhance the efficiency of the MAP kinase cascade.

Note

For Research Use Only , Not for Diagnostic Use.