

32-8047: Recombinant Human MEK-Binding Protein 1/MP1/MAPKSP1 (N-6His)(Discontinued)

Gene : LAMTOR3

Gene ID : 8649

Uniprot ID : Q9UHA4

Description

Source: E.coli.

MW :15.78kD.

Recombinant Human MAPKSP1 is produced by our E.coli expression system and the target gene encoding Met1-Val124 is expressed with a 6His tag at the N-terminus. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 5mM DTT, 30% Glycerol, pH 8.0.

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MGSSHHHHHHSSGLVPRGSHMADDLKRFLYKKLPSVEGLHAIVVSDRDGVPVIKVANDNAPEHALRPGFLSTF
ALATDQGSKLGLSKNKSIIICYNTYQVVQFNRLPLVVSFIASSSANTGLIVSLEKELAPLFEELRQVVEVS

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.