

Recombinant Human MEK-Binding Protein 1/MP1/MAPKSP1 Protein(N-6His)

Cat.NO.: TP06126

3th Edition

Synonyms: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

Description: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.

Form:PBS

Molecular Weight:15.8 kDa

Sequences:Met 1-Val124

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.