



MEK1 Protein

E20-80064

Catalog No: E20-80064

Applications: WB, SDS-PAGE

Reactivity: Human

Gene Name: MAP2K1

Protein Name: MEK1 protein

Sequence: Amino acid: 181-393, with his-MBP tag.

Human Gene Id: 5604

Human Swiss Prot No: Q02750

Mouse Swiss Prot No: P31938

Formulation: Liquid in PBS

Concentration: SDS-PAGE >90%

Storage Stability: -20° C/6 month, -80° C for long storage

Other Name: Dual specificity mitogen-activated protein kinase kinase 1 (MAP kinase kinase 1) (MAPKK 1) (MKK1) (EC 2.7.12.2) (ERK activator kinase 1) (MAPK/ERK kinase 1) (MEK 1)

Function: M phase of mitotic cell cycle, MAPKKK cascade, activation of MAPK activity, mitotic cell cycle, M phase, nuclear division, cell morphogenesis, regulation of vascular smooth muscle contraction, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, protein complex assembly, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, cell motion, chemotaxis, regulation of muscle contraction, regulation of smooth muscle contraction, response to oxidative stress, microtubule-based process, microtubule-based movement, Golgi organization, cell cycle, mitosis, negative regulation of cell adhesion, intracellular signaling cascade, protein kinase cascade, small GTPase mediated signal transduction, Ras protein signal transduction, ectoderm development, behavior, locomotory behavior, cell proliferation.

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