

Active Recombinant Full Length Human MAP2K1 Protein, GST-tagged

Cat. No. MAP2K1-2354HF Lot. No. (See product label)

SPECIFICATION

Product Overview Full-length human MAP2K1 [1-393(end) amino acids and F129L of accession number NP_002746.1] was co-expressed as N-terminal GST-fusion protein (70 kDa) with human His-tagged RAF1 [306-648(end) amino acids and Y340D and Y341D of accession number NP_002871.1] using baculovirus expression system. GST-MAP2K1[F129L] was purified by using glutathione sepharose chromatography and Ni-NTA affinity chromatography.

Species Human

Source Sf21 Cells

ProteinLength 1-393(end)

Form 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Bio-activity The activity was determined by ELISA. The enzyme was incubated with GST-fused substrate protein, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione-coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG(or HRP-labeled anti-mouse IgG) .

Purity 99%

Applications SDS-PAGE

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80C. Avoid repeating freeze-thaws.

GENE INFORMATION

Gene Name mitogen-activated protein kinase kinase 1

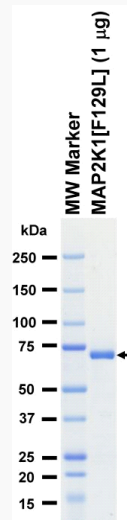
Official Symbol MAP2K1

Synonyms MAP2K1;CFC3;MAPKK1;MEK1;MKK1;PRKMK1

Protein Refseq [NP_002746.1](#)

UniProt ID [Q02750](#)

SDS-PAGE



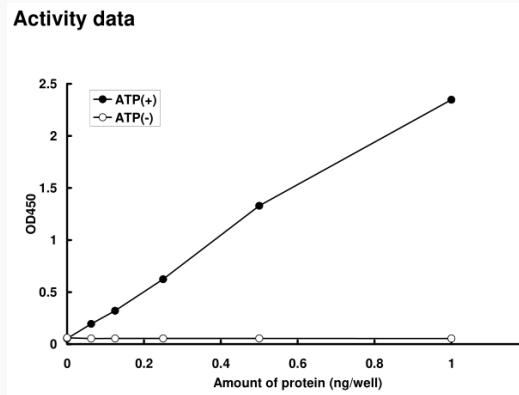
The purity was assessed by SDS-PAGE/CBB staining.

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Activity data



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