

Recombinant Human MAP2K1 Protein, His-tagged

Cat. No. MAP2K1-1035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP2K1 Protein(Q02750-1)(M1-V393), fused with N-terminal His tag, was expressed in Sf9 insect cell.
Species	Human
Source	Sf9 Cells
ProteinLength	M1-V393
Tag	N-His
Form	20 mM Hepes, 300 mM NaCl, 1 mM DTT, 0.05% Brij-35, 10% glycerol, pH 7.5.
Bio-activity	The MAP2K1 activity was detected using Ultra Luminescence technology. The reaction was performed by incubating the MAP2K1 protein, ATP and substrate at 25°C for 60 min, then adding ADP-Glo reagent and reading RLU signal with BMG.
Molecular Mass	45.9 kDa
Purity	>95% by SDS-PAGE
Storage	Stable for 12 months upon stored at -80°C from the date of receipt. And avoid repeated freeze-thaws cycles.
Concentration	0.74 mg/mL by OD280

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Reconstitution Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MAP2K1 mitogen-activated protein kinase kinase 1 [Homo sapiens]
Official Symbol	MAP2K1
Synonyms	MAP2K1; mitogen-activated protein kinase kinase 1; PRKMK1; dual specificity mitogen-activated protein kinase kinase 1; MAPKK1; MEK1; MEK 1; MAPKK 1; MAPK/ERK kinase 1; MAP kinase kinase 1; ERK activator kinase 1; protein kinase, mitogen-activated, kinase 1 (MAP kinase kinase 1); MKK1;
Gene ID	5604
mRNA Refseq	NM_002755
Protein Refseq	NP_002746
MIM	176872
UniProt ID	Q02750

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