Recombinant Human MAP2K1 protein, Flag-tagged, Biotinylated

Cat. No. MAP2K1-62H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP2K1 [1-393(end) amino acids of accession number NP_002746.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-393 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	47 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	MAP2K1 mitogen-activated protein kinase kinase 1 [Homo sapiens]

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Official Symbol	MAP2K1
Synonyms	MAP2K1; mitogen-activated protein kinase kinase 1; PRKMK1; MAPKK1; MEK1; MEK 1; MAPKK 1; MAPK/ERK kinase 1; MAP kinase kinase 1; ERK activator kinase 1; MKK1;
Gene ID	5604
mRNA Refseq	NM_002755
Protein Refseq	NP_002746
MIM	176872
UniProt ID	Q02750
Chromosome Location	15q22.1-q22.33
Pathway	ARMS-mediated activation, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem;
Function	ATP binding; MAP kinase kinase activity; Ras GTPase binding; mitogen-activated protein kinase kinase kinase binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity; protein tyrosine kinase activity; receptor signaling protein tyrosine phosphatase activity;

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