

Recombinant Human MAP3K12 protein, Flag-tagged, Biotinylated

Cat. No. MAP3K12-41H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLK, catalytic domain [1-520 amino acid of accession number NP_006292.3] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-520 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	63 kDa
Purity	>88% 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	MAP3K12 mitogen-activated protein kinase kinase kinase 12 [Homo sapiens]
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Official Symbol	MAP3K12
Synonyms	MAP3K12; ZPK; DLK; dual leucine zipper kinase DLK; MEKK12; MUK; ZPKP1; protein kinase MUK; MAPK-upstream kinase
Gene ID	7786
mRNA Refseq	NM_001193511
Protein Refseq	NP_001180440
MIM	600447
UniProt ID	Q12852
Chromosome Location	12q13
Pathway	Insulin Signaling, organism-specific biosystem; MAPK Cascade, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Regulation of p38-alpha and p38-beta, organism-specific biosystem;
Function	ATP binding; MAP kinase kinase kinase activity; magnesium ion binding; nucleotide binding; protein binding; protein homodimerization activity; protein kinase activity; protein kinase binding; protein serine/threonine kinase activity;

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