

Recombinant Human MAP3K5 protein, Flag-tagged, Biotinylated

Cat. No. MAP3K5-63H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP3K5, catalytic domain [654-971 amino acids of accession number NP_005914.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	654-971 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	39 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	MAP3K5 mitogen-activated protein kinase kinase kinase 5 [Homo sapiens]
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Official Symbol	MAP3K5
Synonyms	MAP3K5; MEKK5; apoptosis signal regulating kinase 1; ASK1; MAPKKK5; ASK-1; MEKK 5; MEK kinase 5; MAP/ERK kinase kinase 5; MAPK/ERK kinase kinase 5
Gene ID	4217
mRNA Refseq	NM_005923
Protein Refseq	NP_005914
MIM	602448
UniProt ID	Q99683
Chromosome Location	6q22.33
Pathway	Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Class I PI3K signaling events mediated by Akt, organism-specific biosystem; HIV-1 Nef: Negative effector of Fas and TNF-alpha, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem;
Function	ATP binding; MAP kinase kinase kinase activity; cysteine-type endopeptidase activator activity involved in apoptotic process; magnesium ion binding; nucleotide binding; protein binding; protein homodimerization activity; protein kinase activity; protein kinase binding; protein phosphatase binding; protein serine/threonine kinase activity;

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