

Recombinant Human MAP3K7 protein, Flag-tagged, Biotinylated

Cat. No. MAP3K7-82H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TAK1 [1-303 amino acids of accession number NP_663304] and human TAB1[437-504 amino acids of accession number NP_006107] fused with DYKDDDDK tag at C-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-303;437-504 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	45 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	MAP3K7 mitogen-activated protein kinase kinase kinase 7 [Homo sapiens]
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Official Symbol	MAP3K7
Synonyms	MAP3K7; TAK1; MEKK7; TGF-beta activated kinase 1; TGF-beta-activated kinase 1; TGF1a;
Gene ID	6885
mRNA Refseq	NM_003188
Protein Refseq	NP_003179
MIM	602614
UniProt ID	O43318
Chromosome Location	6q15
Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem;
Function	ATP binding; MAP kinase kinase kinase activity; kinase activity; magnesium ion binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity;