Recombinant Human MAPKAPK3 protein, T7-tagged

Cat. No. MAPKAPK3-167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAPKAPK3 (382 aa) protein fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	382 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGEFMDGETAEEQGGPVPPPVAPGGPGLGGAPGGRREPKKYA VTDDYQLSKQVLGLGVNGKVLE CFHRRTGQKCALKLLYDSPKARQEVDHHWQAS GGPHIVCILDVYENMHHGKRCLLIIMECMEGGELFSRIQERGD QAFTEREAAEIMRDI GTAIQFLHSHNIAHRDVKPENLLYTSKEKDAVLKLTDFGFAKETTQNALQTPCYTPYY VA PEVLGPEKYDKSCDMWSLGVIMYILLCGFPPFYSNTGQAISPGMKRRIRLGQYG FPNPEWSEVSEDAKQLIRLLL KTDPTERLTITQFMNHPWINQSMVVPQTPLHTARVL QEDKDHWDEVKEEMTSALATMRVDYDQVKIKDLKTSNNR LLNKRRKKQAGSSSAS QGCNNQ
Purity	>90% by SDS-PAGE
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

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GENE INFORMATION

Gene Name	MAPKAPK3 mitogen-activated protein kinase-activated protein kinase 3 [Homo sapiens]
Official Symbol	MAPKAPK3
Synonyms	MAPKAPK3; 3pK; 3PK; MAPKAP3; MAPKAP kinase 3; chromosome 3p kinase; MAPK-activated protein kinase 3; MK-3; MAPKAP-K3; MAPKAPK-3;
Gene ID	7867
mRNA Refseq	NM_001243925
Protein Refseq	NP_001230854
MIM	602130
UniProt ID	Q16644
Chromosome Location	3p21.3
Pathway	Activated TLR4 signalling, organism-specific biosystem; FAS pathway and Stress induction of HSP regulation, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MAP kinase activation in TLR cascade, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem;
Function	ATP binding; MAP kinase kinase activity; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity;

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