Recombinant Human MAPKAPK3, T7-tagged

Cat. No. MAPKAPK3-754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPKAPK3 (1-382 aa) is expressed in E.Coli with a T7 tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-382 a.a.
Description	The MAPKAP kinases are a group of MAP kinase substrates which are themselves kinases. In response to activation, the MAP kinases phosphorylate downstream components on a consensus Pro-X-Ser/Thr-Pro motif. Several kinases that contain this motif have been identifed and serve as substrates for the ERK and p38 MAP kinases. Mitogen-activated protein (MAP) kinase-activated protein kinase 3, also known as MAPKAPK-3 and 3pK, is a member of the Ser/Thr protein kinase family.
MW	42987 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN3. 10mM DTT.
Application	MS. SDS.

GENE INFORMATION

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Gene Name	MAPKAPK3 mitogen-activated protein kinase-activated protein kinase 3 [Homo sapiens]
Synonyms	MAPKAPK3; mitogen-activated protein kinase-activated protein kinase 3; 3PK; MAPKAP3; MAPKAP kinase 3; OTTHUMP00000210806; EC 2.7.11.1; MAPK-activated protein kinase 3; Chromosome 3p kinase
Gene ID	7867
mRNA Refseq	NM_004635
Protein Refseq	NP_004626
MIM	602130
UniProt ID	Q16644
Chromosome Location	3p21.3
Pathway	MAPK signaling pathway; VEGF signaling pathway; Signalling by NGF
Function	ATP binding; MAP kinase kinase activity; nucleotide binding; protein serine/threonine kinase activity; transferase activity

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