

Recombinant Human MAPKAPK2 protein, His-tagged

Cat. No. MAPKAPK2-61H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPKAPK2 protein(1-400 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-400 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	<p>MLSNSQGQSPVPFPAPAPPPQPPTPALPHPPAQPPPPPPQQFPQFHVKSGLQIKK</p> <p>NAIIDYKVTSQVLGLGINGKVLQIFNKRTQEFALKMLQDCPKARREVELHWRASQ</p> <p>CPHIVRIVDVYENLYAGRKCLLIVMECLDGGELFSRIQDRGDQAFTEREASEIMKSIG</p> <p>EAIQYLHSINIAHRDVKPENLLYTSKRPNAILKLTDGFAKETTSNLSLTTPCYTPYYV</p> <p>APEVLGPEKYDKSCDMWSLGVIMYILLCGYPPFYSNHGLAISPGMKTRIRMGQYEF</p> <p>NPEWSEVSEEVKMLIRNLLKTEPTQRM TITEFMNHPWIMQSTKVPQTPLHTSRVLKE</p> <p>DKERWEDVKEEMTSALATMRVDYEQIKIKKIEDASNPLLLKRRKKARALEAAALAH</p>
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.</p>

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	MAPKAPK2 mitogen-activated protein kinase-activated protein kinase 2 [Homo sapiens]
Official Symbol	MAPKAPK2
Synonyms	MAPKAPK2; mitogen-activated protein kinase-activated protein kinase 2; MAP kinase-activated protein kinase 2; MAPKAP kinase 2; MAPK-activated protein kinase 2; MK2; MK-2; MAPKAP-K2;
Gene ID	9261
mRNA Refseq	NM_004759
Protein Refseq	NP_004750
MIM	602006
UniProt ID	P49137

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