

Recombinant Human MAPKAPK2 protein, GST-tagged

Cat. No. MAPKAPK2-1792H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPKAPK2 protein(1-400 aa), fused to GST 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MLSNSQGQSPVPFPAPAPPPQPPTPALPHPPAQPPPPPPQQFPQFHVKSGLQIKK NAIIDDYKVTSQVLGLGINGKVLQIFNKRTQEFALKMLQDCPKARREVELHWRASQ CPHIVRIVDVYENLYAGRKCLLIVMECLDGGELFSRIQDRGDQAFTEREASEIMKSIG EAIQYLHSINIAHRDVKPENLLYTSKRPNAILKLTDGFGAKETTSHNSLTTPCYTPYYV APEVLGPEKYDKSCDMWSLGVIMYILLCGYPPFYSNHGLAISPGMKTRIRMGQYEF NPEWSEVSEEVKMLIRNLLKTEPTQRM TITEFMNHPWIMQSTKVPQTPLHTSRVLKE DKERWEDVKEEMTSALATMRVDYEQIKIKKIEDASNPLLLKRRKKARALEAAAALAH
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/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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