

Recombinant Human MAPKAPK5 protein, GST-tagged

Cat. No. MAPKAPK5-1216H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPKAPK5 protein(232-471 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	232-471 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	YVMLCGYPPFYSKHHSRTIPKDMRRKIMTGSFEFPEEEWSQISEMAKDVVRKLLKVK PEERLTIEGVLDHPWLNSTEALDNLPSAQLMMDKAVVAGIQQAHAQLANMRIQDL KVSLKPLHSVNNPILRKRKLLGTPKDSVYIHDHENGAEEDSNVALEKLRDVIAQCILP QAGENEDEKLNEVMQEAWKYNRECKLLRDTLQSFWSWNGRGFTDKVDRLKLAIEVK QVIEEQTTSHESQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	MAPKAPK5 mitogen-activated protein kinase-activated protein kinase 5 [Homo sapiens]
Official Symbol	MAPKAPK5
Synonyms	MAPKAPK5; mitogen-activated protein kinase-activated protein kinase 5; MAP kinase-activated protein kinase 5; PRAK; MAPKAPK-5; MAPKAP kinase 5; MAPK-activated protein kinase 5; p38-regulated/activated protein kinase; MK5; MK-5; MAPKAP-K5;
Gene ID	8550
mRNA Refseq	NM_003668
Protein Refseq	NP_003659
MIM	606723
UniProt ID	Q8IW41

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