

Recombinant Human MAPK10 protein, His-tagged

Cat. No. MAPK10-2784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPK10 protein(271-408 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	271-408 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	QWNKVIEQLGTPCEFMKKLQPTVRNYVENRPKYAGLTFPKLFPDSLFPADSEHNK LKASQARDLLSKMLVIDPAKRISVDDALQHPYINVWYDPAEVEAPPPQIYDKQLDERE HTIEEWKELIYKEVMNSEEKTKNG
Purity	85%, 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 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	MAPK10 mitogen-activated protein kinase 10 [Homo sapiens]
Official Symbol	MAPK10
Synonyms	MAPK10; mitogen-activated protein kinase 10; PRKM10; JNK3; p54bSAPK; p493F12; MAPK 10; MAP kinase 10; MAP kinase p49 3F12; JNK3 alpha protein kinase; c-Jun N-terminal kinase 3; stress-activated protein kinase 1b; stress activated protein kinase beta; stress-activated protein kinase JNK3; JNK3A; SAPK1b; FLJ12099; FLJ33785; MGC50974;
Gene ID	5602
mRNA Refseq	NM_002753
Protein Refseq	NP_002744
MIM	602897
UniProt ID	P53779

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