

Recombinant Human MAP3K7 protein, His-tagged

Cat. No. MAP3K7-2518H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP3K7 protein(1-291 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-291 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	MSTASAASSSSSSSAGEMIEAPSQVLNFEEIDYKEIEVEEVVGRGAFGVVCKAKWRA KDVAIKQIESESERKAFIVELRQLSRVNHPNIVKLYGACLNVPVCLVMEYAEGGSLYNV LHGAEPLPYTAAHAMSWCLQCSQGVAYLHSMQPKALIHRLKPPNLLL VAGGTVL KICDFGTACDIQTHMTNKGSAAWMAPEVFEGSNYSEKCDVFSWGILWEVITRRKP FDEIGGPAFRIMWAVHNGTRPPLIKNLPKPIESLMTRCWSKDPSQRPSMEEIVKIMTH LMRYF
Purity	95%, 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

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cycles.

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

MAP3K7 mitogen-activated protein kinase kinase kinase 7 [Homo sapiens]

Official Symbol

MAP3K7

Synonyms

MAP3K7; mitogen-activated protein kinase kinase kinase 7; TAK1; MEKK7; TGF-beta activated kinase 1; TGF-beta-activated kinase 1; transforming growth factor-beta-activated kinase 1; TGF1a;

Gene ID

6885

mRNA Refseq

NM_003188

Protein Refseq

NP_003179

MIM

602614

UniProt ID

O43318

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