

Recombinant Human MAP4K5 protein, His-tagged

Cat. No. MAP4K5-3979H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP4K5 protein(5-274 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	5-274 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	LRPAADILRRNPQQDYELVQRVGSGTYGDVYKARNVHTGELAAVKIIKLEPGDDFSLI QQEIFMVKECKHCNIVAYFGSYLSREKLWICMEYCGGSLQDIYHVTGPLSELQIAY VCRETLQGLAYLHTKGKMHKDIKGANILLTDHGDVKLADFGVAAKITATIAKRKSFIGHT PYWMAPEVAAVEKNGGYNQLCDIWAVGITAIELGELQPPMFDLHPMRALFLMSKSN FQPPKLKDKTKWSSTFHNFKIALTKNPKKRPTAERLLTH
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 cycles.

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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.
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GENE INFORMATION

Gene Name	MAP4K5 mitogen-activated protein kinase kinase kinase 5 [Homo sapiens]
Official Symbol	MAP4K5
Synonyms	MAP4K5; mitogen-activated protein kinase kinase kinase 5; GCKR; germinal center kinase related; KHS; KHS1; MEKKK 5; MEK kinase kinase 5; germinal center kinase-related; MAPK/ERK kinase kinase kinase 5; kinase homologous to SPS1/STE20; MAPKKKK5;
Gene ID	11183
mRNA Refseq	NM_006575
Protein Refseq	NP_006566
MIM	604923
UniProt ID	Q9Y4K4

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