

Recombinant Human MAP4K5 Protein, His tagged

Cat. No. MAP4K5-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP4K5 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	395-484 aa
Description	This gene encodes a member of the serine/threonine protein kinase family, that is highly similar to yeast SPS1/STE20 kinase. Yeast SPS1/STE20 functions near the beginning of the MAP kinase signal cascades that is essential for yeast pheromone response. This kinase was shown to activate Jun kinase in mammalian cells, which suggested a role in stress response. Two alternatively spliced transcript variants encoding the same protein have been described for this gene.
Tag	C-His
Molecular Mass	11 kDa
AA Sequence	MKPRISSYPEDNFPDEEKASTIKHCPDSES RAPQILRRQSSPSCGPVAETSSIGNGD GISKLMSENTE GSAQAPQLPRKNDKRDFPKPAINHHHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	1 mg/mL by BCA

GENE INFORMATION

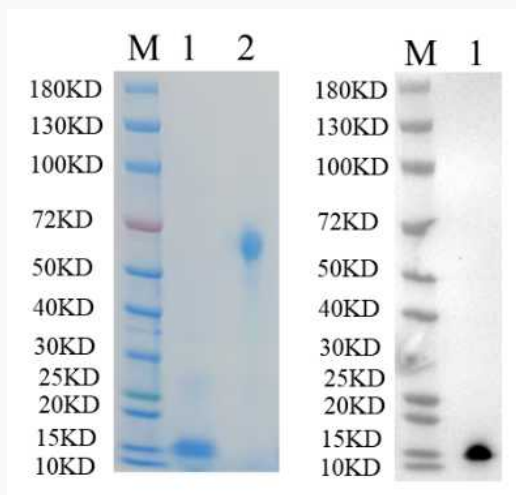
Gene Name	MAP4K5 mitogen-activated protein kinase kinase kinase 5 [Homo sapiens (human)]
Official Symbol	MAP4K5
Synonyms	MAP4K5; mitogen-activated protein kinase kinase kinase 5; GCKR; germinal center kinase related; KHS; KHS1; MEKKK 5; MEK kinase kinase 5; germinal center kinase-related; MAPK/ERK kinase 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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**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
MAP4K5.**



1. MAP4K5: 1 μ g
2. BSA: 1 μ g

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