Recombinant Human MAP4K5, GST-tagged, Active

Cat. No. MAP4K5-341H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human KHS1 was expressed by baculovirus in*Sf9 insect cell*susing an N-terminal GST tag. MW = 135 kDa.
Species	Human
Source	Sf9 Cells
Description	KHS1 belongs to serine/threonine kinase family that has a STE20-like protein kinase domain which stimulates the stress-activated protein kinase (SAPK, also known as Jun kinase or JNK) pathway. It is a mitogen-activated protein kinase kinase kinase kinase 5, termed germinal center kinase related (GCKR). Recently, the KH domain of Escherichia coli polynucleotide phosphorylase has been reported to be necessary for autoregulation and growth at low temperature.
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	MAP4K5 mitogen-activated protein kinase kinase kinase kinase 5 [Homo sapiens]

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	MAP4K5; mitogen-activated protein kinase kinase kinase kinase 5; KHS; GCKR; KHS1; MAPKKKK5; germinal center kinase-related; kinase homologous to SPS1/STE20; EC 2.7.11.1;MAPK/ERK kinase kinase kinase 5; MEK kinase kinase 5; MEKKK 5
Gene ID	11183
mRNA Refseq	NM_006575
Protein Refseq	NP_006566
MIM	604923
UniProt ID	Q9Y4K4
Chromosome Location	14q11.2-q21
Function	ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; small GTPase regulator activity; transferase activity

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