

## Recombinant Human MAP3K5 protein, GST-tagged

Cat. No. MAP3K5-7845H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAP3K5 protein(681-936 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	681-936 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
<b>AASequence</b>	GDRVVLGKGTYGIVYAGRDLSNQVRIAIKEIPERDSRYSQPLHEEIALHKHLKHKNI QYLGSENGFIKIFMEQVPGGSLALLRSKWGPLKDNEQTIGFYTKQILEGLKYLHD NQIVHRDIKGDNLINTYSGVLKISDFGTSKRLAGINPCTETFTGTLQYMAPEIIDKGP RGYGKAAADIWSLGGCTIEMATGKPPFYELGEPQAAMFKVGMFKVHPEIPESMSAEAK AFILKCFEPDPDKRACANDLLVDE
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

**Gene Name** [MAP3K5 mitogen-activated protein kinase kinase kinase 5 \[ Homo sapiens \]](#)

**Official Symbol** [MAP3K5](#)

**Synonyms** MAP3K5; mitogen-activated protein kinase kinase kinase 5; MEKK5; apoptosis signal regulating kinase 1; ASK1; MAPKKK5; ASK-1; MEKK 5; MEK kinase 5; MAP/ERK kinase kinase 5; MAPK/ERK kinase kinase 5; apoptosis signal-regulating kinase 1;

**Gene ID** [4217](#)

**mRNA Refseq** [NM\\_005923](#)

**Protein Refseq** [NP\\_005914](#)

**MIM** [602448](#)

**UniProt ID** [Q99683](#)

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SDS-PAGE



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