

# Recombinant Human MAP4K3 protein, His-tagged

**Cat. No.** MAP4K3-738H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MAP4K3 protein(537-873 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 537-873 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 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.                                                          |
| <b>AASequence</b>       | KIHCASSWINPDTRDQYLIFGAEEGIYTLNLNELHETSMEQLFPRRCTWLYVMNNCL<br>LSISGKASQLYSHNLPGLFDYARQMQLPVAIPAHKLPDRILPRKFSVSAKIPETKWC<br>QKCCVVRNPYTGHKYLCGALQTSIVLLEWVEPMQKFMLIKHIDFPIPCPLRMFEMLV<br>VPEQEYPLVCVGVSRRGRDFNQVVRFETVNPNSTSSWFTESDTPQTNVTHVTQLER<br>DTILVCLDCCIKIVNLQGRLKSSRKLSELTFDFQIESIVCLQDSVLAFWKHGMQGRS<br>FRSNEVTQEISDSTRIFRLLGSDRVVLESRPTDNPTANSNLYILAGHENSY |
| <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                                                                                                                                                                                          |

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repeat freeze-thaw cycles.

#### 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** MAP4K3 mitogen-activated protein kinase kinase kinase 3 [ Homo sapiens ]

**Official Symbol** MAP4K3

#### Synonyms

MAP4K3; mitogen-activated protein kinase kinase kinase 3; RAB8IPL1; GLK; MAPKKKK3; MEK kinase kinase 3; MAPK/ERK kinase kinase kinase 3; germinal center kinase-like kinase; germinal center kinase-related protein kinase; MEKKK 3;

**Gene ID** 8491

**mRNA Refseq** NM\_003618

**Protein Refseq** NP\_003609

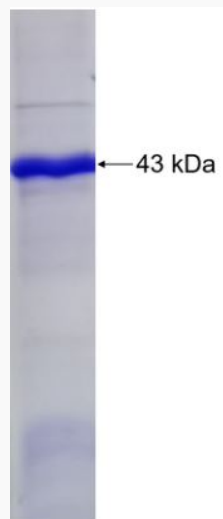
**MIM** 604921

**UniProt ID** Q8IVH8

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**SDS-PAGE**

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