

## Recombinant Human MAP2K3 protein, His-SUMO-tagged

Cat. No. MAP2K3-3202H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAP2K3 protein(P46734)(1-347aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-347aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	55.3 kDa
<b>AA Sequence</b>	MESPASSQPASMPQSKGKSKRKKDLRISCMSKPPAPNPTPPRNLDSTRFITIGDRNF EVEADDLVTISELGRGAYGVVEKVRHAQSGTIMAVKRIRATVNSQEQKRLMLDLIN MRTVDCFYTVTFYGFALFREGDVVICMELMDTSLDKFYRKVLDKNMTIPEDILGEIAVS IVRALEHLHSLKLSVIHRDVKPSNVLINKEGHVKMCDFGISGYLVDSVAKTMDAGCKPY MAPERINPELNQKGYNVKSDVWSLGITMIEMAILRFPYESWGTPFQQLKQVVEEPSP QLPADRFSPFVDFTAQCLRKNPAERMSYLELMEHPFFTLHKTKKTDIAAFVKEILGE DS
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [MAP2K3 mitogen-activated protein kinase kinase 3 \[ Homo sapiens \]](#)

**Official Symbol** [MAP2K3](#)

**Synonyms** MAP2K3; mitogen-activated protein kinase kinase 3; PRKMK3; dual specificity mitogen-activated protein kinase kinase 3; dual specificity mitogen activated protein kinase kinase 3; MAP kinase kinase 3; MAPK/ERK kinase 3; MAPKK3; MEK3; MKK3; MEK 3; MAPKK 3; SAPK kinase 2; stress-activated protein kinase kinase 2; SAPKK2; SAPKK-2;

**Gene ID** [5606](#)

**mRNA Refseq** [NM\\_002756](#)

**Protein Refseq** [NP\\_002747](#)

**MIM** [602315](#)

**UniProt ID** [P46734](#)

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