

## Recombinant Human MAP2K6 protein, His-SUMO-tagged

Cat. No. MAP2K6-3203H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human MAP2K6 protein(P52564)(1-334aa), 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>    | 1-334aa  |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>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>   | 53.5 kDa   |
| <b>AA Sequence</b>      | MSQSKGKKRNPGLKIPKEAFEQPQTSSTPPRDLDKACISIGNQNFEVKADDLEPIM<br>ELGRGAYGVVEKMRHVPSGQIMAVKRIRATVNSQEQKRLMDLDISMRTVDCPFTV<br>TFYGFALFREGDVVICMELMDTSLDKFYKQVIDKGQTIPEDILGKIAVSIVKALEHLHSK<br>LSVIHRDVKPSNVLINALGQVKMCDFGISGYLVDSVAKTIDAGCKPYMAPERINPELN<br>QKGYSVKSDIWSLGITMIELAILRFPYDSWGTPFQQLKQVVEEPPQLPADKFSAEF<br>VDFTSQCLKKNSKERPTYPELMQHPPFTLHESKGTDVASFVKLILGD |
| <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** MAP2K6 mitogen-activated protein kinase kinase 6 [ Homo sapiens ]

**Official Symbol** MAP2K6

**Synonyms** MAP2K6; mitogen-activated protein kinase kinase 6; PRKMK6; dual specificity mitogen-activated protein kinase kinase 6; MAPKK6; MEK6; MKK6; protein kinase; mitogen activated; kinase 6 (MAP kinase kinase 6); SAPKK3; MEK 6; MAPKK 6; SAPK kinase 3; MAPK/ERK kinase 6; stress-activated protein kinase kinase 3; protein kinase, mitogen-activated, kinase 6 (MAP kinase kinase 6); SAPKK-3;

**Gene ID** 5608

**mRNA Refseq** NM\_002758

**Protein Refseq** NP\_002749

**MIM** 601254

**UniProt ID** P52564

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