

## Recombinant Human MAP2K6 protein, His-tagged

**Cat. No.** MAP2K6-2241H    **Lot. No.** (See product label)

### SPECIFICATION

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| <b>Product Overview</b> | Recombinant Human MAP2K6 protein(P52564)(1-334aa), fused to N-terminal His tag, was expressed in Insect Cell.                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-334aa                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                             |
| <b>Molecular Mass</b>   | 39.5 kDa                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | <p>MSQSKGKKRNPGLKIPKEAFEQPQTSSTPPRDLSKACISIGNQNFEVKADDLEPIM</p> <p>ELGRGAYGVVEKMRHVPSGQIMAVKRIRATVNSQEQKRLLMDLDISMRTVDCPFTV</p> <p>TFYGALFREGDVWICMELMDTSLDKFYKQVIDKGQTIPEDILGKIAVSIVKALEHLHSK</p> <p>LSVIHRDVKPSNVLINALGQVKMCDFGISGYLVDSVAKTIDAGCKPYMAPERINPELN</p> <p>QKGYSVKSDIWSLGITMIELAILRFPYDSWGTPPFQQLKQVVEEPSQLPADKFSAEF</p> <p>VDFTSQCLKKNSKERPTYPELMQHPFFTLHESKGTDVASFVKLILGD</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                  |

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| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                      |
| <b>Reconstitution</b>   | 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%. Customers could use it as reference.                                                                                            |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>        | MAP2K6 mitogen-activated protein kinase kinase 6 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b>  | MAP2K6                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>         | 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; |
| <b>Gene ID</b>          | 5608                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_002758                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>   | NP_002749                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>              | 601254                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>       | P52564                                                                                                                                                                                                                                                                                                                                                                                        |