

## Recombinant Human MAP2K3 protein, MBP&His-Avi-tagged, Biotinylated

**Cat. No.** MAP2K3-785H    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Human MAP2K3 protein(P46734)(1-347aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.                                                                             |
| <b>Species</b>           | Human                                                                                                                                                                                                                              |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>     | 1-347a.a.                                                                                                                                                                                                                          |
| <b>Tag</b>               | MBP&His&Avi                                                                                                                                                                                                                        |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                             |
| <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>    | 87.1 kDa                                                                                                                                                                                                                           |
| <b>Purity</b>            | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>           | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                     |

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.                                                                   |
| <b>AA Sequence</b>    | MESPASSQPASMPQSKGKSKRKKDLRISCMSKPPAPNPTPPRNLDSTRTFITIGDRNF<br>EVEADDLVITISELGRGAYGVVEKVRHAQSGTIMAVKRIRATVNSQEQKRLLMDLDIN<br>MRTVDCFYTVTFYGFALFREGDVWICMELMDTSLDKFYRKVLDKNMTIPEDILGEIAVS<br>IVRALEHLHSLSVIHRDVKPSNVLINKEGHVKMCDFGISGYLVDSVAKTMDAGCKPY<br>MAPERINPELNQKGYNVKS DVWSLGITMIEMAILRFPYESWGTPFQQLKQVVEEPS<br>QLPADRFSPFVDFTAQCLRKNPAERMSYLELMEHPFFTLHKTKKTDIAAFVKEILGE<br>DS |
| <b>Conjugation</b>    | Biotin                                                                                                                                                                                                                                                                                                                                                                               |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MAP2K3 mitogen-activated protein kinase kinase 3 [ Homo sapiens ]                                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | MAP2K3                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 5606                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_002756                                                                                                                                                                                                                                                                                                                                |

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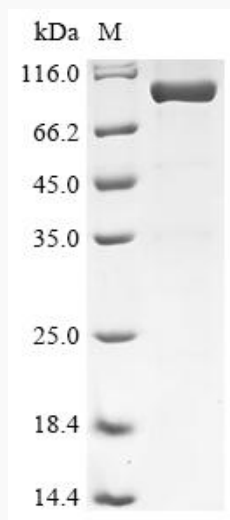
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**Protein Refseq** NP\_002747

**MIM** 602315

**UniProt ID** P46734

**SDS-PAGE**



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