

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	1-347a.a.
Tag	MBP&His&Avi
Conjugation/Label	Biotin
Form	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.
Molecular Mass	87.1 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution 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.

AA Sequence

```
MESPASSQPASMPQSKGKSKRKKDLRISCMSKPPAPNPTPPRNLDSTRFITIGDRNF
EVEADDLVTISELGRGAYGVVEKVRHAQSGTIMAVKRIRATVNSQEQKRLMLDLIN
MRTVDCFYTVTFYGFALFREGDVWICMELMDTSLDKFYRKVLDKNMTIPEDILGEIAVS
IVRALEHLHSLKLSVIHRDVKPSNVLINKEGHVKMCDFGISGYLVDSVAKTMDAGCKPY
MAPERINPELNQKGYNVKSDVWVSLGITMIEMAILRFPYESWGTPFQQLKQVVEEPSP
QLPADRFSPFVDFTAQCLRKPAERMSYLELMEHPFFTLHKTKKTDIAAFVKEILGE
DS
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Conjugation Biotin

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](#)

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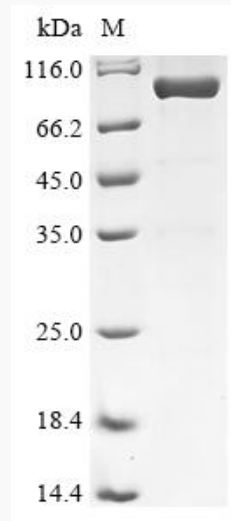
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Protein Refseq NP_002747

MIM 602315

UniProt ID P46734

SDS-PAGE



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