

# Active Recombinant Full Length Human MAP2K2 Protein, GST-tagged

**Cat. No.** MAP2K2-5651HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human MAP2K2 [1-400(end) amino acids of accession number NP_109587.1] was co- expressed as N-terminal GST-fusion protein (71 kDa) with human His-tagged RAF1 [306-648(end) amino acids and Y340D and Y341D of accession number NP_002871.1] using baculovirus expression system. GST-MAP2K2 was purified by using glutathione sepharose chromatography and Ni-NTA affinity chromatography. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-400                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                                                                                                                                                               |
| <b>Bio-activity</b>     | The activity was determined by ELISA. The enzyme was incubated with GST-fused substrate protein, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione- coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG(or HRP-labeled anti-mouse IgG) .                                                              |
| <b>Purity</b>           | 96%                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                               |

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**Storage** Store at -80C. Avoid repeating freeze-thaws.

## GENE INFORMATION

**Gene Name** mitogen-activated protein kinase kinase 2

**Official Symbol** MAP2K2

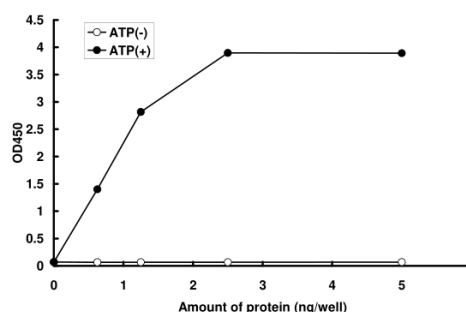
**Synonyms** MAP2K2;CFC4;MAPKK2;MEK2;MKK2;PRKMK2

**Protein Refseq** [NP\\_109587.1](#)

**UniProt ID** [P36507](#)

### Activity data

Activity data



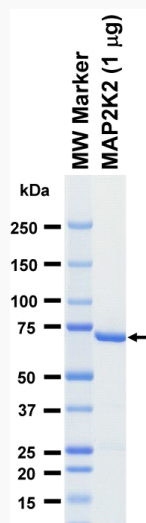
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## SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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