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

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

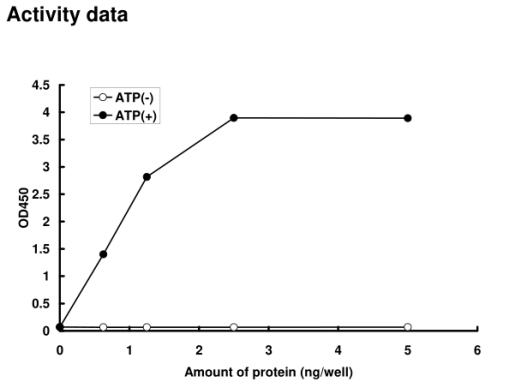
## SPECIFICATION

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| **Product Overview** | 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. |
| **Species** | Human |
| **Source** | Sf21 Cells |
| **ProteinLength** | 1-400 |
| **Form** | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5 |
| **Bio-activity** | 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) . |
| **Purity** | 96% |
| **Applications** | SDS-PAGE |

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

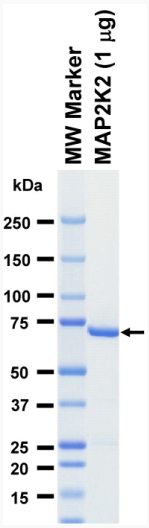
## GENE INFORMATION

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|---|---|
| **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** |  |



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| **SDS-PAGE** | <br>The purity was assessed by SDS-PAGE/CBB staining. |

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