

Recombinant Rat MAP4K1 Protein, C-His tagged

Cat. No. MAP4K1-05R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat MAP4K1 Protein with C-His tag was expressed in Insect cells.
Species	Rat
Source	Insect Cells
Description	Predicted to enable ATP binding activity and MAP kinase kinase kinase kinase activity. Predicted to be involved in several processes, including JNK cascade; cellular response to phorbol 13-acetate 12-myristate; and protein phosphorylation. Used to study transient cerebral ischemia. Orthologous to human MAP4K1 (mitogen-activated protein kinase kinase kinase kinase 1).
Molecular Mass	The protein has a calculated MW of 34.1 kDa.
AA Sequence	GSATMLLVNQSHQGFGNKEHTSKMVSAIVLYVLLAAAAHSAFAYDLLQRLGGGTYGE VFKARDKVS KDLVALKMKMEPDDDVSTLQKEILMLKSCRHANIVAYHGSYLWLQKL WICMEFCGAGSLQDIYQVTGSLSELQISYVCREVLQGLAYLHSQKKIHRDIKGANILIN DSGEVKLADFGISAQIGATLARRLSFIGTPYWMAPEVA AVALKGGYNELCDIWSLGIT AIELAELQPPLFDVHPLRVLFLMTKSGYQPPRLKEKGKWSSSFHNFVKVTLTKNSKK RPSATKMLSHQLVHHHHHH
Purity	> 70% by SDS-PAGE
Storage	Store it at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration 0.05 mg/mL

Storage Buffer PBS, pH 7.4

GENE INFORMATION

Gene Name Map4k1 mitogen activated protein kinase kinase kinase kinase 1 [Rattus norvegicus]

Official Symbol MAP4K1

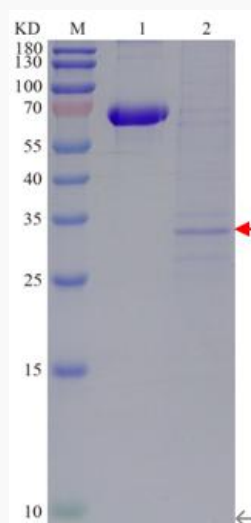
Synonyms MAP4K1; mitogen activated protein kinase kinase kinase kinase 1; mitogen-activated protein kinase kinase kinase kinase 1;

Gene ID 292763

mRNA Refseq NM_001106243

Protein Refseq NP_001099713

**SDS-PAGE analysis
of purified protein**



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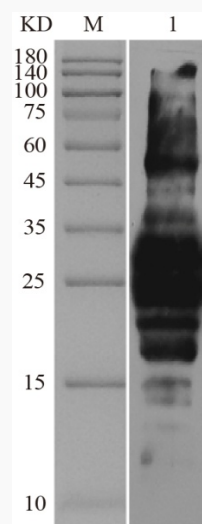
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M: Protein ladder

1: BSA

2: Purified protein

WB analysis of
purified protein



M: Protein ladder

1: Purified protein