Recombinant Rat Map3k12 Protein, His-tagged

Cat. No. Map3k12-1758R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Map3k12 Protein (Ile158-Ile399) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ile158-Ile399
Description	Predicted to enable JUN kinase kinase kinase activity; protein homodimerization activity; and protein kinase binding activity. Predicted to be involved in several processes, including JNK cascade; positive regulation of MAPK cascade; and protein phosphorylation. Predicted to act upstream of or within negative regulation of motor neuron apoptotic process. Predicted to be located in cytosol; growth cone; and plasma membrane. Orthologous to human MAP3K12 (mitogen-activated protein kinase kinase kinase 12).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.0 kDa Accurate Molecular Mass: 28 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

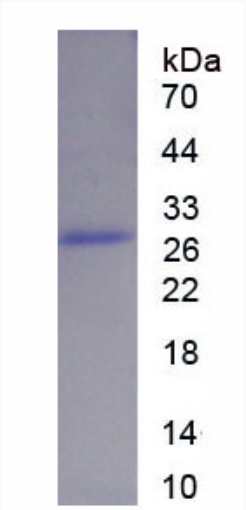
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Map3k12 mitogen activated protein kinase kinase kinase 12 [Rattus norvegicus (Norway rat)]
Official Symbol	Map3k12
Synonyms	MAP3K12; mitogen activated protein kinase kinase kinase 12;
Gene ID	25579
mRNA Refseq	NM_013055
Protein Refseq	NP_037187
UniProt ID	Q63796

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