

Recombinant Human MAP2K4 protein, His&Myc-tagged

Cat. No. MAP2K4-3332H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP2K4 protein(P45985)(2-399aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-399aa
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	51.6 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.
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.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

AAPSPSGGGGSGGGSGSGTPGPVGSPAPGHPAVSSMQGKRKALKLNFANPPFKS
 TARFTLNPNTGVQNPHERLRTHSIESSGKLKISPEQHWDFTAEDLKDLEIGRGAY
 GSVNKMVHKPSGQIMAVKRIRSTVDEKEQKQLMDLDVVMRSSDCPYIVQFYGALF
 REGDCWICMELMSTSFDFKYKYVSVLDDVPIEEILGKITLATVKALNHLKENLKIHR
 DIKPSNILLDRSGNIKLCDFGISGQLVDSIAKTRDAGCRPYMAPERIDPSASRQGYDV
 RSDVWSLGITLYELATGRFPYPKWNSVFDQLTQVVKGDPPLSNSEEREFSFSPFINF
 VNLCLTKDESKRPKYKELLKHPFILMYEERAVEVACYVCKILDQMPATPSSPMYVD

GENE INFORMATION
Gene Name

MAP2K4 mitogen-activated protein kinase kinase 4 [Homo sapiens]

Official Symbol

MAP2K4

Synonyms

MAP2K4; mitogen-activated protein kinase kinase 4; SERK1; dual specificity mitogen-activated protein kinase kinase 4; JNKK1; MEK4; MKK4; PRKMK4; MEK 4; MAPKK 4; SAPK kinase 1; MAPK/ERK kinase 4; SAPK/ERK kinase 1; MAP kinase kinase 4; JNK-activated kinase 1; JNK activating kinase 1; JNK-activating kinase 1; c-Jun N-terminal kinase kinase 1; stress-activated protein kinase kinase 1; JNKK; SEK1; MAPKK4; SAPKK1; SAPKK-1;

Gene ID

6416

mRNA Refseq

NM_003010

Protein Refseq

NP_003001

MIM

601335

UniProt ID

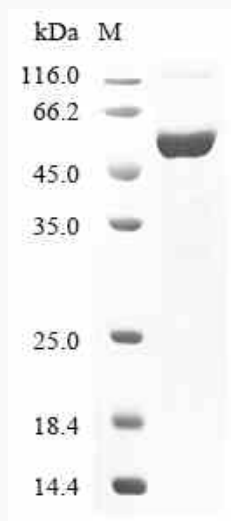
P45985

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SDS-PAGE



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