

MAP2K3 抗原（重组蛋白）

中文名称： MAP2K3 抗原（重组蛋白）

英文名称： MAP2K3 Antigen (Recombinant Protein)

别名： MEK3; MKK3; MAPKK3; PRKMK3; SAPKK2; SAPKK-2

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 64-325 amino acids of human MAP2K3

技术规格

Full name:	mitogen-activated protein kinase kinase 3
Synonyms:	MEK3; MKK3; MAPKK3; PRKMK3; SAPKK2; SAPKK-2
Swissprot:	P46734
Gene Accession:	BC032478
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersina pse

udotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene