

MAP2K5 抗原（重组蛋白）

中文名称： MAP2K5 抗原（重组蛋白）

英文名称： MAP2K5 Antigen (Recombinant Protein)

别名： MEK5, MAPKK5, PRKMK5, HsT17454

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 172-409 amino acids of human MAP2K5

技术规格

Full name:	mitogen-activated protein kinase kinase 5
Synonyms:	MEK5, MAPKK5, PRKMK5, HsT17454
Swissprot:	Q13163
Gene Accession:	BC008838
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 specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described.