

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 v

ariants of this gene encoding distinct isoforms have been described.