

Recombinant Human MAP2K5

Catalog No: #GP10665



Package Size: #GP10665-1 100ug

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Description

Product Name	Recombinant Human MAP2K5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 172-409 amino acids of human mitogen-activated protein kinase kinase 5
Target Name	mitogen-activated protein kinase kinase 5
Other Names	MEK5, MAPKK5, PRKMK5, HsT17454
Accession No.	Swissprot:Q13163Gene Accession:BC008838
Uniprot	Q13163
GenID	5607;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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