

Recombinant Human MAP3K7

Catalog No: #GP12089



Package Size: #GP12089-1 100ug

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Description

Product Name	Recombinant Human MAP3K7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 401-579 amino acids of human MAP3K7
Target Name	mitogen-activated protein kinase kinase kinase 7
Other Names	TAK1; MEKK7; TGF1a
Accession No.	Swissprot:O43318Gene Accession:BC017715
Uniprot	O43318
GeneID	6885;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

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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