

# Recombinant Human MAP3K12

Catalog No: #GP10810



Package Size: #GP10810-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human MAP3K12
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 125-366 amino acids of human mitogen-activated protein kinase kinase kinase 12
Target Name	mitogen-activated protein kinase kinase kinase 12
Other Names	DLK; MUK; ZPK; ZPKP1; MEKK12
Accession No.	Swissprot:Q12852Gene Accession:BC050050
Uniprot	Q12852
GenID	7786;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a member of the serine/threonine protein kinase family. This kinase contains a leucine-zipper domain and is predominately expressed in neuronal cells. The phosphorylation state of this kinase in synaptic terminals was shown to be regulated by membrane depolarization via calcineurin. This kinase forms heterodimers with leucine zipper containing transcription factors, such as cAMP responsive element binding protein (CREB) and MYC, and thus may play a regulatory role in PKA or retinoic acid induced neuronal differentiation. Alternatively spliced transcript variants encoding different proteins have been described.

## References

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

Note: This product is for in vitro research use only