

Recombinant Human MAP3K13 cell lysate

Cat. No. MAP3K13-1055HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase contains a dual leucine-zipper motif, and has been shown to form dimers/oligomers through its leucine-zipper motif. This kinase can phosphorylate and activate MAPK8/JNK, MAP2K7/MKK7, which suggests a role in the JNK signaling pathway.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	MAP3K13 mitogen-activated protein kinase kinase kinase 13 [Homo sapiens]
Official Symbol	MAP3K13
Synonyms	MAP3K13; mitogen-activated protein kinase kinase kinase 13; leucine zipper bearing kinase; LZK; MEKK13; mixed lineage kinase; leucine zipper-bearing kinase; MLK; MGC133196;

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Gene ID	9175
mRNA Refseq	NM_001242314
Protein Refseq	NP_001229243
MIM	604915
UniProt ID	O43283
Chromosome Location	3q27
Pathway	Insulin Signaling, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Signaling events mediated by VEGFR1 and VEGFR2, organism-specific biosystem;
Function	ATP binding; MAP kinase kinase kinase activity; identical protein binding; magnesium ion binding; nucleotide binding; protein binding; protein homodimerization activity; protein kinase binding; protein serine/threonine kinase activity;