

Recombinant Human MAPK3 protein

Cat. No. MAPK3-1031M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPK3 was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~44 kDa
Purity	>90 %
Applications	Kinase Assay, Western Blot
Stability	1 yr at -70 centigrade from date of shipment
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.2 ug/ul

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping

Product shipped on dry ice

GENE INFORMATION
Gene Name

MAPK3 mitogen-activated protein kinase 3 [Homo sapiens]

Official Symbol

MAPK3

Synonyms

MAPK3; mitogen-activated protein kinase 3; PRKM3; ERK1; p44erk1; p44mapk; MAPK 1; MAP kinase 1; MAP kinase 3; MAP kinase isoform p44; insulin-stimulated MAP2 kinase; mitogen-activated protein kinase 1; extracellular signal-related kinase 1; extracellular signal-regulated kinase 1; microtubule-associated protein 2 kinase; ERT2; ERK-1; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK; MGC20180;

Gene ID

5595

mRNA Refseq

NM_002746

Protein Refseq

NP_002737

MIM

601795

UniProt ID

P27361

Chromosome Location

16p11.2

Pathway

ALK1 signaling events, organism-specific biosystem; ARMS-mediated activation, organism-specific biosystem; ATF-2 transcription factor network, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Activation of the

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AP-1 family of transcription factors, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem;

Function

ATP binding; MAP kinase activity; MAP kinase activity; nucleotide binding; phosphatase binding; phosphotyrosine binding; protein binding; protein serine/threonine kinase activity;

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