

Mitogen-Activated Protein Kinase 1 Active Protein | MAPK1 active protein

Recombinant Human Mitogen-Activated Protein Kinase 1, Active

CATALOG # AAA38388	HOST Escherichia Coli.
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PRODUCT SYNONYMS

Mitogen-Activated Protein Kinase 1; Recombinant Human Mitogen-Activated Protein Kinase 1; Active; MAPK1 Human; Mitogen-Activated Protein Kinase 1 Human Recombinant; Mitogen-activated protein kinase 1; EC 2.7.11.24; Extracellular signal-regulated kinase 2; ERK-2; Mitogen-activated protein kinase 2; MAP kinase 2; MAPK 2; p42-MAPK; ERT1; ERK; p38; p40; p41; ERK2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; MAPK1 Active; MAPK1 active protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli.
Purity/Purification	The purity is greater than 95%.
Form/Format	MApK1 protein solutions (326ug/ml) is supplied in 50mM HEPED pH 7.5, 100mM NaCl, 5mM DTT and 20% glycerol
Sequence	maaaaaagag pemvrgqvfd vgprytnlsy igegaygmvc saydnnkvkr vaikkispfe hqtycqrtl eikillrfh eniigindii raptieqmkd vyivqdlmet dlyklktqh lsndhicyfl yqilrglkyi hsanvlhrdl kpsnllntt cdlkicdflg arvadpdhdh tgftteyvat rwyrapeiml nskgytsid iwsvgcila mlsnrpifpg khyldqlnhi lgilgspsqe dlnciinlka rnyllslphk nkvpwnrlfp nadskaldll dkmltfnpkh rieveqalah pyleqyydps depiaepfk fdmelledlpk ekkelifee tarfqpgys
Physical Appearance	Sterile Filtered clear solution.
Specific Activity	386 pmol/ugxmin ATP-K _M : 1.7uM
Preparation and Storage	Store vial at -20°C to -80°C. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MAPK1 active protein	Description: MAPK1 Human Recombinant is a non-glycosylated full length chain containing amino acids Met1-Ser360 and having a calculated molecular mass of 41,762 Dalton. MAPK1 is purified by proprietary chromatographic techniques.
Product Categories/Family for MAPK1 active protein	Protein Kinases ; Enzymes ; Mitogen-Activated Protein Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932916
NCBI GeneID	5594
NCBI Accession #	NP_002736.3
NCBI GenBank Nucleotide #	NM_002745.4
UniProt Accession #	P28482 ; A8CZ64
NCBI Official Full Name	mitogen-activated protein kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 1
NCBI Official Symbol	MAPK1
NCBI Official Synonym Symbols	ERK; p38; p40; p41; ERK2; ERT1; ERK-2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; p42-MAPK

NCBI Protein Information	mitogen-activated protein kinase 1; MAP kinase 1; MAP kinase 2; MAP kinase isoform p42; MAPK 2; extracellular signal-regulated kinase 2; mitogen-activated protein kinase 2; protein tyrosine kinase ERK2
UniProt Protein Name	Mitogen-activated protein kinase 1
UniProt Gene Name	MAPK1
UniProt Synonym Gene Names	ERK2; PRKM1; PRKM2; MAP kinase 1; MAPK 1; ERK-2; p42-MAPK; MAP kinase 2; MAPK 2
UniProt Entry Name	MK01_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/escherichia-coli-mapk1-active-protein/mitogen-activated-protein-kinase-1/38388>