

Recombinant Human MAPKAP1, His-tagged

Cat. No. MAPKAP1-29583TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-330 of Human SIN1 with N terminal His tag, 55kDa.
Species	Human
Source	E.coli
ProteinLength	1-330 a.a.
Description	This gene encodes a protein that is highly similar to the yeast SIN1 protein, a stress-activated protein kinase. Alternatively spliced transcript variants encoding distinct isoforms have been described. Alternate polyadenylation sites as well as alternate 3 UTRs have been identified for transcripts of this gene.
Conjugation	HIS
Tissue specificity	Ubiquitously expressed, with highest levels in heart and skeletal muscle.
Form	Lyophilised:Reconstitute with 78 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MTVVTMASARVQDLIGLICWQYTSEGREPKLNDNV SAYCL HIAEDDGEVDTDFPPL
 DSNEPIHKFGFSTLALVEKYSS PGLTSKESLFVRINAAHGFS LIQVDNTKVTMKEILLK
 AVKRRKGSQKVSGPQYRLEKQSEPNVAVDLDSTLESQSAWE FCLVRENSSRADG
 VFEEDSQIDIATVQDMLSSH HYKSF KVSMIHRLRFTTDVQLGISGDKVEIDPVTNQKA
 STKFWIK QKPISIDSDLLCACDLAEEKSPSHAIFKLT YLSNHDYK HLYFESDAATVNEI
 VLKVNYILESRASTARADYFAQKQ RKLNRRTSFSFQKEKKSGQQ

Sequence Similarities

Belongs to the SIN1 family.

Full Length

Full L.

GENE INFORMATION

Gene Name

MAPKAP1 mitogen-activated protein kinase associated protein 1 [Homo sapiens]

Official Symbol

MAPKAP1

Synonyms

MAPKAP1; mitogen-activated protein kinase associated protein 1; target of rapamycin complex 2 subunit MAPKAP1; MGC2745; MIP1; SIN1; stress activated protein kinase interacting 1;

Gene ID

79109

mRNA Refseq

NM_001006617

Protein Refseq

NP_001006618

MIM

610558

Uniprot ID

Q9BPZ7

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Chromosome Location	9q34.11
Pathway	Adaptive Immune System, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem;
Function	Ras GTPase binding;

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