

Recombinant Human MAPKAP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAPKAP1-6721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MAPKAP1 MS Standard C13 and N15-labeled recombinant protein (NP_001006618) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	58.9 kDa
AA Sequence	<p>MAFLDNPTIILAHIRQSHVTSDDTGMCEMVLIDHDVDLEKIHPPSMPGDSGSEIQGSN GETQGYVYAQSVDITSSWDFGIRRRSNTAQRLELRKERQNQIKCKNIQWKERNK QSAQELKSLFEKKSLKEKPPISGKQSILSVRLEQCPLQLNPNFNEYSKFDGKGHVGT TATKKIDVYLPLHSSQDRLLPMTVVTMASARVQDLIGLICWQYTSEGREPKLNDNV AYCLHIAEDDGEVDTFPPLDSNEPIHKFGFSTLALVEKYSSPGLTSKESLFVRINAA HGFSLIQVDNTKVTMKEILLKAVKRRKGSQKVSGPQYRLEKQSEPNVAVDL DSTLES QSAWEFCLVRENSSRADGVFEEDSQIDIATVQDMLSSHHYKSFKVS MIHRLRFTTDV QLGISGDKVEIDPVTNQKASTKFWIKQKPISIDSDLLCACDLAEEKSPSHAIFKLT YLS NHDKHLYFESDAATVNEIVLKVNYILESRASTARADYFAQKQRKLNRRTSFSFQKE</p>

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KKSGQQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [MAPKAP1 mitogen-activated protein kinase associated protein 1 \[Homo sapiens \(human\) \]](#)

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; mSIN1; TORC2 subunit MAPKAP1; ras inhibitor MGC2745; SAPK-interacting protein 1; MEKK2-interacting protein 1; stress-activated protein kinase-interacting 1; stress-activated map kinase interacting protein 1; stress-activated map kinase-interacting protein 1; mitogen-activated protein kinase 2-associated protein 1; JC310; SIN1b; SIN1g;

Gene ID [79109](#)

mRNA Refseq [NM_001006617](#)

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Protein Refseq NP_001006618

MIM 610558

UniProt ID Q9BPZ7

SDS-PAGE



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