

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MAPKAP1 MS Standard C13 and N15-labeled recombinant protein (NP_001006618) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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.                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 58.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MAFLDNPTIILAHIRQSHVTSDDTGMCEMVLIDHDVDLEKIHPPSMPGDSGSEIQGSN<br>GETQGYVYAQSVDITSSWDFGIRRRSNTAQRLERLRKERQNQIKCKNIQWKERNK<br>QSAQELKSLFEKKSLKEKPPISGKQSILSVRLEQCPLQLNPNFNEYSKFDGKGHVG<br>TATKKIDVYLPLHSSQDRLLPMTVVTMASARVQDLIGLICWQYTSEGREPKNLNDNV<br>AYCLHIAEDDGEVDTFPPLDSNEPIHKFGFSTLALVEKYSSPGLTSKESLFVRINAA<br>HGFSLIQVDNTKVTMKEILLKAVKRRKGSQKVSGPQYRLEKQSEPNVAVDLDSTLES<br>QSAWEFCLVRENSSRADGVFEEDSQIDIATVQDMLSSHYYKSFKVSMIHLRFRFTTDV<br>QLGISGDKVEIDPVTNQKASTKFWIKQKPISIDSDLLCACDLAEEKSPSHAIFKLTYLS<br>NHDKHLYFESDAATVNEIVLKVNYILESRASTARADYFAQKQRKLNRRTSFSFQKE |

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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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