

## Product datasheet for **TP311745M**

### **SIN1 (MAPKAP1) (NM\_001006617) Human Recombinant Protein**

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Human mitogen-activated protein kinase associated protein 1 (MAPKAP1), transcript variant 1, full length, with C-terminal MYC/DDK tag, expressed in HEK293 cells, 100 µg |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC211745 representing NM_001006617<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |

MAFLDNPTIILAHIRQSHVTSDDTGMCEMVLIDHDVDLEKIHPPSMPGDSGSEIQGSNGETQGYVYAQSV  
DITSSWDFGIRRRSNTAQRLELRKERQNQIKCKNIQWKERNKQSAQELKSLFEKKSLKEKPPISGKQS  
ILSVRLEQCPLQLNPNFNEYSKFDGKGHVGTATTKKIDVYLPLHSSQDRLLPMTVVTMASARVQDLIGLI  
CWQYTSEGREPKLNDNVSAyclHIAEDDGEVDTFPPLDSNEPIHKFGFSTLALVEKYSSPGLTSKESLF  
VRINAAGFSLIQVDNTKVTMKEILLKAVKRRKGSQKVGSPQYRLEKQSEPNVAVDLSTLESQSAWEFC  
LVRENSSRADGVFEEDSQIDIATVQDMLSSHYYKSFKSMIHRLRFTTQVQLGISGDKVEIDPVTNQKAS  
TKFWIKQKPISIDSDLLCACDLAEEKSPSHAIFKLTLYLSNHDKHLYFESDAATVNEIVLKVNYILESRA  
STARADYFAQKQRKLNRRTSFSFQKEKKSQQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 58.9 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C.  |



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001006618](#)

**Locus ID:** 79109

**UniProt ID:** [Q9BPZ7](#)

**RefSeq Size:** 3395

**Cytogenetics:** 9q33.3

**RefSeq ORF:** 1566

**Synonyms:** JC310; MIP1; SIN1; SIN1b; SIN1g

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified MAPKAP1 protein (Cat# [TP311745]). The protein was produced from HEK293T cells transfected with MAPKAP1 cDNA clone (Cat# [RC211745]) using MegaTran 2.0 (Cat# [TT210002]).