

Product datasheet for PH311745

SIN1 (MAPKAP1) (NM_001006617) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAPKAP1 MS Standard C13 and N15-labeled recombinant protein (NP_001006618)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211745
Predicted MW:	58.9 kDa
Protein Sequence:	>RC211745 representing NM_001006617 Red=Cloning site Green=Tags(s)

MAFLDNPTIILAHIRQSHVTSDDTGMCEMVLIDHDVDLEKIHPPSMPGDSGSEIQSGNGETQGYVYAQSV
DITSSWDFGIRRRSNTAQRLELRKERQNIQKCKNIQWKERNKQSAQELKSLFEKSLKEKPPISGKQS
ILSVRLEQCPLQLNPNFNEYSKFDGKGHVGTATKKIDVYVPLHSSQDRLLPMTVVVTMASARVQDLIGLI
CWQYTSEGREPKLNDNVSAYCLHIAEDDGEVDTDFPPLDSNEPIHKFGFSTLALVEKYSSPGLTSKESLF
VRINAAHGFSLIQVDNTKVTMKEILLKAVKRRKGSQKVSQPQYRLEKQSEPNVAVDLDSTLESQSAWEFC
LVRENSSRADGVFEEDSQIDIATVQDMLSSHYYKSFKVSMIHRLRFTTDVQLGISGDKVEIDPVTNQKAS
TKFWIKQKPIISIDSDLLCACDLAEKSPSHAIKLTLYLSNHDKHLYFESDAATVNEIVLKVNYILESRA
STARADYFAQKQRKLNRRTSFSFQKEKKSQQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001006618</u>
RefSeq Size:	3395
RefSeq ORF:	1566



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Synonyms: JC310; MIP1; SIN1; SIN1b; SIN1g

Locus ID: 79109

UniProt ID: [Q9BPZ7](#)

Cytogenetics: 9q33.3

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]).