Recombinant Human MAPKAP1 Protein, His&GST-tagged

Cat. No. MAPKAP1-1763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPKAP1 Protein (Thr8-Glu236) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr8-Glu236
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.9 kDa Accurate Molecular Mass: 56 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

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
Protein Refseq	NP_001006618

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	610558
UniProt ID	Q9BPZ7

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA