

Recombinant Human MAP Kinase-activated Protein Kinase 2 aa 46-end GST Active

Catalog No.	CRM119A CRM119B	Quantity:	5 µg 10 µg
Alternate Names:	MK2		
Description:	Recombinant human MAPKAPK2 contains amino acids 46-end and N-terminal GST tag. MAPKAPK2 is a Ser/Thr protein kinase that is regulated via direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, MAPKAPK2 is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 has been shown to be one of the substrates of MAPKAPK2 <i>in vivo</i> .		
Concentration:	0.1 mg/ml		
GeneID:	9261		
Protein Accession No:	NM_032960		
Source:	Sf9 insect cells		
Molecular Weight:	~ 68 kDa		
Formulation:	Liquid in 50 mM Tris-HCl, pH 7.5 + 150 mM NaCl + 0.25 mM DTT + 0.1 mM EGTA + 0.1 mM EDTA + 0.1 mM PMSF + 25% glycerol		
Purity:	> 90% as determined by densitometry		
Specific Activity:	277 nmol/min/mg		
Storage & Stability:	Stable for 1 year in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

