Active Recombinant Full Length Human MAPKAPK3 Protein, GST-tagged

Cat. No. MAPKAPK3-3301HF **Lot. No.** (See product label)

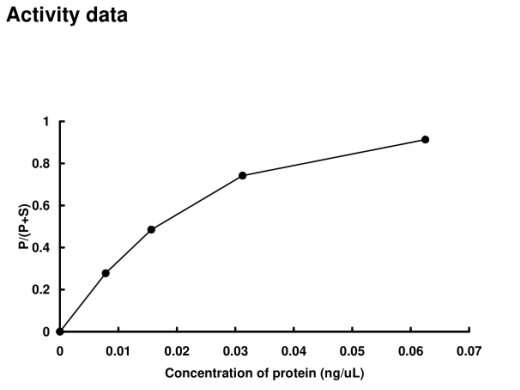
SPECIFICATION

Product Overview	Full-length human MAPKAPK3 [1-382(end) amino acids of accession number NP_004626.1] was co- expressed as N-terminal GST-fusion protein (70 kDa) with human His-tagged p38β [1-364(end) amino acids of accession number NP_002742.3] and human His-tagged MAP2K6 [1-334(end) amino acids of accession number NP_002749.2] using baculovirus expression system. GST-MAPKAPK3 was purified by using glutathione sepharose chromatography and Ni-NTA chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-382
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	76%
Applications	SDS-PAGE

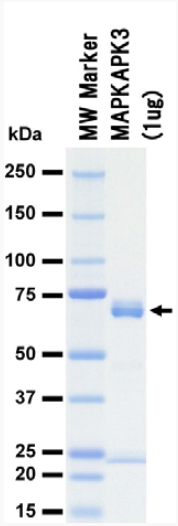
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80C. Avoid repeating freeze-thaws.

GENE INFORMATION

Gene Name	mitogen-activated protein kinase-activated protein kinase 3
Official Symbol	MAPKAPK3
Synonyms	MAPKAPK3;3PK;MAPKAP-K3;MAPKAP3;MAPKAPK-3;MDPT3;MK-3;MK3;3pK
Protein Refseq	NP_004626.1
UniProt ID	Q16644
Activity data	 The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.

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

SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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