

Bioactive

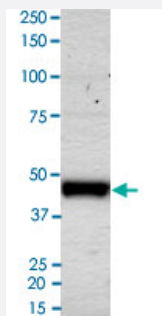
Full-Length

MAPKAPK2 (Human) Recombinant Protein

Catalog # P4716

Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human MAPKAPK2 (NM_004759, 1 a.a.- 370 a.a.) full-length recombinant protein expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	42.329
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	Immobilized metal affinity chromatography
Concentration	0.340 ug/uL

Activity	101 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — MAPKAPK2

Entrez GeneID	9261
Protein Accession#	NM_004759
Gene Name	MAPKAPK2
Gene Alias	MK2
Gene Description	mitogen-activated protein kinase-activated protein kinase 2
Omim ID	602006
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase 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 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000034531 OTTHUMP00000034532

Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [VEGF signaling pathway](#)