

MAPKAPK2, Active recombinant protein
MAPKAPK, MAP kinase-activated protein kinase 2
Catalog # PBV11312r**Specification**

MAPKAPK2, Active recombinant protein - Product info

Primary Accession	P49137
Concentration	0.1
Calculated MW	68.0 kDa KDa

MAPKAPK2, Active recombinant protein - Additional Info

Gene ID	9261
Gene Symbol	MAPKAPK2
Other Names	
MAPKAPK, MAP kinase-activated protein kinase 2	
Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; Recombinant protein in storage buffer (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).

MAPKAPK2, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MAPKAPK2, Active recombinant protein - Images**MAPKAPK2, Active recombinant protein - Background**

MAPKAP kinase2 is a Ser/Thr protein kinase, which 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.

MAPKAPK2, Active recombinant protein - References

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Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Stokoe D.,et al.Biochem. J. 296:843-849(1993).
Jakob U.,et al.J. Biol. Chem. 268:1517-1520(1993).