

Recombinant Human MAPKAPK5

Catalog No: #GP11736

Package Size: #GP11736-1 100ug

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Description

Product Name	Recombinant Human MAPKAPK5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 305-408 amino acids of human mitogen-activated protein kinase-activated protein kinase 5
Target Name	mitogen-activated protein kinase-activated protein kinase 5
Other Names	MK5; MK-5; PRAK; MAPKAP-K5
Accession No.	Swissprot:Q8IW41Gene Accession:BC041049
Uniprot	Q8IW41
GenID	8550;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a tumor suppressor and member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. The encoded protein is found in the nucleus but translocates to the cytoplasm upon phosphorylation and activation. This kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. Two alternately spliced transcript variants of this gene encoding distinct isoforms have been reported.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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