

Recombinant Human RAF1

Catalog No: #GP10326



Package Size: #GP10326-1 100ug

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Description

Product Name	Recombinant Human RAF1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 349-609 amino acids of human RAF1
Target Name	Raf-1 proto-oncogene, serine/threonine kinase
Other Names	NS5; CRAF; Raf-1; c-Raf; CMD1NN
Accession No.	Swissprot:P04049Gene Accession:BC018119
Uniprot	P04049
GeneID	5894;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene is the cellular homolog of viral raf gene (v-raf). The encoded protein is a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Once activated, the cellular RAF1 protein can phosphorylate to activate the dual specificity protein kinases MEK1 and MEK2, which in turn phosphorylate to activate the serine/threonine specific protein kinases, ERK1 and ERK2. Activated ERKs are pleiotropic effectors of cell physiology and play an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration.

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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