

Human cRAF-RBD with N-terminal His Tag

Information

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| Gene ID | |
| Accession # | P04049 |
| Alternate Names | C-Raf Ras Binding Domain, RAF proto-oncogene serine/threonine-protein kinase, Raf1-RBD |
| Source | Escherichia coli. |
| Protein sequence | MHHHHHHTSNTIRV FLPNKQRTVV NVRNGMSLHD CLMKALKVRG LQPECCAVFR LLHEHKGKKA RLDWNTDAAS LIGEELQVDF L |
| M.Wt | 9.8 kDa |
| Appearance | Solution protein |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -70°C or below. |
| Concentration | 1.0 mg/mL |
| Formulation | Dissolved in sterile PBS buffer. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. This solution can be diluted into other aqueous buffers. |
| Biological Activity | Test in processing. |
| Shipping Condition | Shipping with dry ice. |
| Handling | Centrifuge the vial prior to opening. |
| Usage | For Research Use Only! Not to be used in humans. |

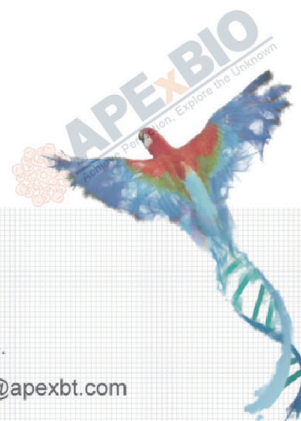
Quality Control

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|--------|--------------------------------|
| Purity | > 95%, determined by SDS-PAGE. |
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Description

cRaf (RAF proto-oncogene serine/threonine-protein kinase), also known as Rafs is a member of the Raf kinase family of serine/threonine-specific protein kinase, encoded by the raf gene in human. Raf-1 is a

principal component of ERK1/2 signaling pathway. cRaf plays a role in initiating the kinase cascade as a MAP3 kinase. Ras binding process is a key step for cRaf activation involved in the cell division cycle, apoptosis, cell differentiation and cell migration.



APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com