**RafRBD (c-Raf)**
Ras Binding Domain of Raf, c-Raf 1 Kinase human, recombinant, *E. coli*

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
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<tr>
<td>PR-305</td>
<td>50 µg</td>
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*For in vitro use only!*

**Shipping:** shipped on dry ice

**Storage Conditions:** store at -80 °C

**Additional Storage Conditions:** avoid freeze/thaw cycles

**Shelf Life:** 12 months

**Molecular Weight:** 9.4 kDa (50 - 132 amino acids)

**Accession number:** X03484 / P04049

**Purity:** > 90 % (SDS-PAGE)

**Form:** liquid (Supplied in 32 mM Tris-HCl pH 7.6, 200 mM NaCl, 5 mM MgCl₂ and 5 mM DTT)

**Description:**
Raf is a member of the serine/threonine protein kinase family involved in regulation of cell growth and differentiation and is the most important effector of Ras. Full-length Raf is composed of three conserved regions responsible for interaction with Ras, for phosphorylation and for catalytic activity. RafRBD (Ras binding domain, amino acids 50-132) mediates interaction with membrane-anchored Ras necessary for activation of the kinase activity of Raf.

**Selected References:**

