

## RAF1

### Recombinant Human v-Raf-1 Murine Leukemia Viral Oncogene Homolog 1 (aa 306-648) GST-Tagged Y340D Y341D Mutant

**Catalog No.** CSI11793 **Quantity:** 10 µg

**Alternate Names:** CRAF, NS5, Raf-1, c-Raf

**Gene ID:** 5894

**Protein Accession No:** NP\_002871

**Description:** Recombinant human RAF1 catalytic domain (amino acids 306-648), GST-tagged. Tyrosines 340 and 341 have been substituted with aspartic acid, rendering a protein with constitutive kinase activity. RAF1 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 RAF1 can phosphorylate and activate the dual specificity protein kinases MEK1 and MEK2 which in turn phosphorylates and activates the serine/threonine specific protein kinases ERK1 and ERK2.

**Source:** Insect cells

**Molecular Weight:** 66.4 kDa

**Formulation:** Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT + 50% glycerol

**Storage & Stability:** Stable for 6 months in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**

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