



Recombinant Human RAF1 (EE) (N-GST tag)

Cat No:HR2R1909

For research use only

Overview

Quantity	10 ?g
Gene Symbol	RAF1 (EE)
Gene ID	N/A
Accession	NM_002880
Alternative Name	NS5; CRAF; Raf-1; c-Raf
Species	Human
Source	Insect cells
Description	RAF1 is a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly . The activated RAF1 can phosphorylate and 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 .
Functions	The specific activity of RAF1(EE) was determined to be ~6,000 nmol /min/mg in a coupled assay as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	63
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.