

Recombinant Human BRAF (N-GST tag)

Cat No:HR2R1208

For research use only

Overview

Quantity	10 ?g
Gene Symbol	BRAF
Gene ID	N/A
Accession	NM_004333
Alternative Name	BRAF1, RAFB1, B-raf 1, MGC126806, MGC138284
Species	Human
Source	Insect cells
Description	BRAF is a member of the RAF family that is activated by members of the Ras family upon growth factor-induced stimulation. Active Ras can induce heterodimerization of cRaf and BRAF and this may explain the observed cooperativity of cRaf and BRaf in cells responding to growth factor signals . Activating mutations in the BRAF gene are present in a large percentage of human malignant melanomas and in a proportion of colon cancers. The vast majority of these mutations result in a valine to glutamic acid change at residue 599 within the activation segment of B-RAF .
Functions	The specific activity of BRAF was determined to be 74 nmol /min/mg as per activity assay protocol, using MEK1 as substrate.
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.