

## Recombinant Human RAF1, GST-tagged

Cat. No. RAF1-2161H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RAF1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-300aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	RAF1 v-raf-1 murine leukemia viral oncogene homolog 1 [ Homo sapiens ]
<b>Official Symbol</b>	RAF1
<b>Synonyms</b>	RAF1; v-raf-1 murine leukemia viral oncogene homolog 1; RAF proto-oncogene serine/threonine-protein kinase; c Raf; CRAF; Raf 1; Oncogene RAF1; proto-oncogene c-RAF; raf proto-oncogene serine/threonine protein kinase; NS5; Raf-1; c-Raf;

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<b>Gene ID</b>	5894
<b>mRNA Refseq</b>	NM_002880
<b>Protein Refseq</b>	NP_002871
<b>MIM</b>	164760
<b>UniProt ID</b>	P04049
<b>Chromosome Location</b>	3p25
<b>Pathway</b>	ARMS-mediated activation, organism-specific biosystem; Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosyste
<b>Function</b>	ATP binding; MAP kinase kinase kinase activity; Ras GTPase binding; metal ion binding; mitogen-activated protein kinase kinase binding; nucleotide binding; protein binding; protein heterodimerization activity; protein kinase activity; protein serine/threo

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