

Recombinant Human RAF1 protein, His&GST-tagged

Cat. No. RAF1-413H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAF1 protein(NP_002871.1)(Ser306-Phe648), fused with His&GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Ser306-Phe648
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % glycerol, 0.5 mM TCEP, 2 mM GSH. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human RAF1 consists of 580 amino acids and predicts a molecular mass of 66.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 70 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [RAF1 v-raf-1 murine leukemia viral oncogene homolog 1 \[Homo sapiens \]](#)

Official Symbol [RAF1](#)

Synonyms 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;

Gene ID [5894](#)

mRNA Refseq [NM_002880](#)

Protein Refseq [NP_002871](#)

MIM [164760](#)

UniProt ID [P04049](#)

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