

Datasheet for ABIN2129667

RAF1 Protein (AA 2061-2302) (GST tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RAF1
Protein Characteristics:	AA 2061-2302
Origin:	Hepatitis C Virus (HCV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAF1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB)

Product Details

Characteristics:	Purified recombinant Hepatitis C Virus NS5 protein Expression System: E.coli
Purification:	Proprietary chromatographic technique
Purity:	> 95 % pure

Target Details

Target:	RAF1
Alternative Name:	NS5 (RAF1 Products)
Background:	HCV is a small 50nm, enveloped, single-stranded, positive sense RNAvirus in the family Flaviviridae. HCV has a high rate of replication with approximately one trillion particles produced each day in an infected individual. Due to lack of proofreading by the HCV RNA

Target Details

polymerase, the HCV has an exceptionally high mutation rate, a factor that may help it elude the host's immune response. Hepatitis C virus is classified into six genotypes(1-6) with several subtypes within each genotype. The preponderance and distribution of HCV genotypes varies globally. Genotype is clinically important in determining potential response to interferon-based therapy and the required duration of such therapy. Genotypes 1 and 4 are less responsive to interferon-based treatment than are the other genotypes (2, 3, 5 and 6).

Alternative Names: HCV Recombinant protein, Hep C protein, Hepatitis C protein, HCV NS5 protein, HCV protein

Pathways: [MAPK Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#), [Stem Cell Maintenance](#), [Hepatitis C](#), [Autophagy](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [VEGF Signaling](#), [BCR Signaling](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 25 mM tris-HCl, pH -8, with 1.5 M urea, 0.2 % Triton-X and 52 % glycerol.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C