

# Recombinant Human KRAS Protein (T2-K169, G12C), GST tagged

**Cat. No.** KRAS-0958H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human GST-TEV-GG-KRas4B(T2-K169) (G12C) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	T2-K169, G12C
<b>Description</b>	Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the regulation of cell proliferation. Plays a role in promoting oncogenic events by inducing transcriptional silencing of tumor suppressor genes (TSGs) in colorectal cancer (CRC) cells in a ZNF304-dependent manner.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** KRAS v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog [ Homo sapiens (human) ]

**Official Symbol** KRAS

**Synonyms** KRAS; v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog; KRAS2, v Ki ras2 Kirsten rat sarcoma 2 viral oncogene homolog; GTPase KRas; KRAS1; K-Ras 2; c-Ki-ras; oncogene KRAS2; K-ras p21 protein; c-Kirsten-ras protein; PR310 c-K-ras oncogene; transforming protein p21; cellular c-Ki-ras2 proto-oncogene; v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog; Kirsten rat sarcoma-2 viral (v-Ki-ras2) oncogene homolog; NS; NS3; KRAS2; RASK2; KI-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B;

**Gene ID** 3845

**mRNA Refseq** NM\_004985

**Protein Refseq** NP\_004976

**MIM** 190070

**UniProt ID** P01116

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