

Recombinant Human KRAS Protein (T2-K169, G12A), Tag Free

Cat. No. KRAS-0951H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-KRas4B(T2-K169) (G12A) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	T2-K169, G12A
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA