

Recombinant Human KRAS Protein (T2-K169, G13D), Tag Free

Cat. No. KRAS-0948H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human GG-KRas4B(T2-K169) (G13D) Protein was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | T2-K169, G13D |
| 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. |

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| 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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