

Sarcoma Viral Oncogene Recombinant Protein | KRAS 2B recombinant protein

Recombinant Human Kirsten Rat Sarcoma Viral Oncogene, Isoform 2B

CATALOG # AAA38809	HOST E Coli
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PRODUCT SYNONYMS

Sarcoma Viral Oncogene; Recombinant Human Kirsten Rat Sarcoma Viral Oncogene; Isoform 2B; KRAS 2B Human; Kirsten Rat Sarcoma Viral Oncogene; Isoform 2B Human Recombinant; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; KI-RAS; KRAS1; NS3; RASK2; c-Ki-ras; GTPase KRas; KRAS; KRAS 2B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	KRAS 2B Human solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, 1mM DTT & 10% glycerol. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMTE YKLVVVGAGG VGKSALTIQL IQNHFVDEYD PTIEDSYRKQ VVIDGETCLL DILDTAGHEE YSAMRDQYMR TGEGFLCVFA INNTKSFEDI HHYREIQIKRV KDSDEVPMVL VGNKCDLPSR TVDTKQAQDL ARSYGIPFIE TSAKTRQGV DAFYTLVREI RKHKEKMSKD GKKKKKKSKT KC
Sequence Length	188

ADDITIONAL INFORMATION

Related Product Information for KRAS 2B recombinant protein	Description: KRAS 2B Recombinant human produced in E Coli is a single, non-glycosylated polypeptide chain containing 205 amino acids (1-185 a.a.) and having a molecular mass of 23.2 kDa. The Human KRAS 2B is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: KRAS is part of the small GTPase superfamily. A single amino acid substitution is accountable for an activating mutation. KRAS participates in various malignancies, including lung adenocarcinoma, mucinous adenoma, ductal carcinoma of the pancreas and colorectal carcinoma.
Product Categories/Family for KRAS 2B recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	15718761
NCBI GeneID	3845
NCBI Accession #	NP_004976.2
NCBI GenBank Nucleotide #	NM_004985.4
UniProt Accession #	P01116 ; P01118 ; Q96D10 ; A8K8Z5 ; B0LPF9
Molecular Weight	21,425 Da
NCBI Official Full Name	GTPase KRas isoform b
NCBI Official Synonym Full Names	Kirsten rat sarcoma viral oncogene homolog
NCBI Official Symbol	KRAS

NCBI Official Synonym Symbols	NS; NS3; CFC2; KRAS1; KRAS2; RASK2; KI-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B
NCBI Protein Information	GTPase KRas; K-Ras 2; K-ras p21 protein; PR310 c-K-ras oncogene; c-Ki-ras; c-Kirsten-ras protein; cellular c-Ki-ras2 proto-oncogene; oncogene KRAS2; transforming protein p21; v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog
UniProt Protein Name	GTPase KRas
UniProt Gene Name	KRAS
UniProt Synonym Gene Names	KRAS2; RASK2
UniProt Entry Name	RASK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/kras-recombinant-protein-e-coli/38809>