

## 32-4067: Recombinant Human Kirsten Rat Sarcoma Viral Oncogene, Isoform 2B

**Alternative Name :** C-K-RAS,K-RAS2A,K-RAS2B,K-RAS4A,K-RAS4B,KI-RAS,KRAS1,NS3,RASK2,c-Ki-ras,GTPase KRas,Kirsten Rat Sarcoma Viral Oncogene,KRAS.

### Description

Source : Escherichia Coli. 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. 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 Info

**Amount :** 25 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** KRAS 2B Human solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, 1mM DTT & 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MTEYKLVVVG AGGVGKSALT IQLIQNHFVD EYDPTIEDSY RKQVVIDGET CLLDILDTAG HEEYSAMRDQ YMRTGEGFLC VFAINNTKSF EDIHHYREQI KRVKDSSEVDP MVLVGNKCDL PSRTVDTKQA QDLARSYGIP FIETSAKTRQ GVDDAFYTLV REIRKHKKEKM SKDGKKKKKK SKTKC.

