

## Recombinant Human KRAS, His tagged

**Cat. No.** KRAS-3965H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KRAS (AAH13572.1) (Thr 2-Cys 185), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                     |
| <b>Source</b>           | E. coli                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                      |
| <b>Tag</b>              | His                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile 20mM Tris, 0.5M NaCl, pH 7.5                                                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant human KRAS consisting of 195 amino acids and has a calculated molecular mass of 22.5 kDa. It migrates as an 25 kDa band in SDS-PAGE under reducing conditions as predicted |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                            |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                  |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                  |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution.  
Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                 |                                                                            |
|-----------------|----------------------------------------------------------------------------|
| Gene Name       | KRAS v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog [ Homo sapiens ] |
| Official Symbol | KRAS                                                                       |
| Gene ID         | 3845                                                                       |
| mRNA Refseq     | NM_004985                                                                  |
| Protein Refseq  | NP_004976                                                                  |
| MIM             | 190070                                                                     |
| UniProt ID      | P01116                                                                     |

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