

## KRAS/K-Ras 2 (G12C) Recombinant Protein | KRAS/K-Ras2 recombinant protein

Recombinant Human KRAS/K-Ras 2 (G12C) Protein, N-GST

|                               |                       |                                                      |
|-------------------------------|-----------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA120628</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>ELISA, Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|------------------------------------------------------|

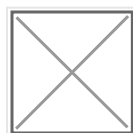
### PRODUCT SYNONYMS

KRAS/K-Ras 2 (G12C); Recombinant Human KRAS/K-Ras 2 (G12C) Protein; N-GST; c-Ki-ras; RASK2; GTPase KRas; K-Ras 2; c-K-ras; KRAS; Ki-Ras; KRAS2; G12C; Gly12Cys; KRAS/K-Ras2 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                             |                                                                                                                                                                      |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                        | E coli                                                                                                                                                               |
| Purity/Purification                                         | >90% as determined by SDS-PAGE                                                                                                                                       |
| Form/Format                                                 | Lyophilized from PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.                                                                                          |
| Sequence Positions                                          | Met1-Met188 (G12C)                                                                                                                                                   |
| Sequence Length                                             | Met1-Met188 (G12C)                                                                                                                                                   |
| Applicable Applications for KRAS/K-Ras2 recombinant protein | ELISA, WB (Western Blot), SDS-PAGE                                                                                                                                   |
| Species                                                     | Human                                                                                                                                                                |
| Reconstitution                                              | Reconstitute in sterile water for a stock solution.                                                                                                                  |
| Protein Length                                              | Met1-Met188 (G12C)                                                                                                                                                   |
| Preparation and Storage                                     | Use a manual defrost freezer and avoid repeated freeze thaw cycles.<br>Store at 2 to 8°C for one week.<br>Store at -20°C for twelve months from the date of receipt. |

### IMAGES



SDS-PAGE

SDS PAGE for Recombinant Human KRAS/K-Ras 2 (G12C) Protein

### ADDITIONAL INFORMATION

|                                                               |                                      |
|---------------------------------------------------------------|--------------------------------------|
| Product Categories/Family for KRAS/K-Ras2 recombinant protein | <a href="#">Recombinant Proteins</a> |
|---------------------------------------------------------------|--------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #           | <a href="#">131875</a>                                                                                                     |
| NCBI GeneID         | <a href="#">3845</a>                                                                                                       |
| UniProt Accession # | <a href="#">P01116</a> ; <a href="#">P01118</a> ; <a href="#">Q96D10</a> ; <a href="#">A8K8Z5</a> ; <a href="#">B0LPF9</a> |

|                                  |                                                                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight                 | Predicted MW: 48.3 kDa                                                                                                                                                                                                                |
| NCBI Official Full Name          | GTPase KRas                                                                                                                                                                                                                           |
| 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; 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 |
| UniProt Protein Name             | GTPase KRas                                                                                                                                                                                                                           |
| UniProt Gene Name                | <b>KRAS</b>                                                                                                                                                                                                                           |
| 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-elisa-wb-western-blot-sds-page/120628>