

## Recombinant Human RRAS protein, GST-tagged

**Cat. No.** RRAS-2954H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RRAS protein(145-218 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 145-218 aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.               |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| <b>AA Sequence</b> | DLESQRQVPRSEASAFGASHHVAYFEASAKLRLNVDEAFEQLVRAVRKYQEQLPP<br>SPPSAPRKKGGGCPCVLL |
|--------------------|-------------------------------------------------------------------------------|

## GENE INFORMATION

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| <b>Gene Name</b> | RRAS related RAS viral (r-ras) oncogene homolog [ Homo sapiens ] |
|------------------|------------------------------------------------------------------|

|                        |      |
|------------------------|------|
| <b>Official Symbol</b> | RRAS |
|------------------------|------|

|                 |                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | RRAS; related RAS viral (r-ras) oncogene homolog; ras-related protein R-Ras;<br>Oncogene RRAS; p23; |
|-----------------|-----------------------------------------------------------------------------------------------------|

|                |      |
|----------------|------|
| <b>Gene ID</b> | 6237 |
|----------------|------|

|                    |           |
|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_006270 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_006261 |
|-----------------------|-----------|

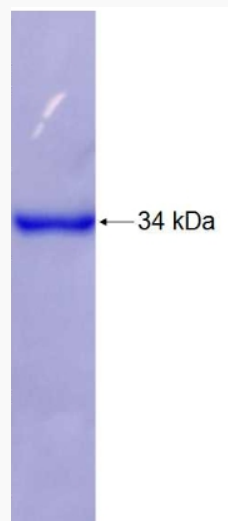
|            |        |
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| <b>MIM</b> | 165090 |
|------------|--------|

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| <b>UniProt ID</b> | P10301 |
|-------------------|--------|

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**SDS-PAGE**

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