

## Recombinant Human RAB33B protein, GST-tagged

**Cat. No.** RAB33B-6744H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAB33B protein(1-229 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-229 aa                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | MAEEMESSLEASFSSSGAVSGASGFLPPARSRIFKIIVIGDSNVGKTCLTYRFCAGRF<br>PDHTEATIGVDFRERAVEIDGERIKIQLWDTAGQERFRKSMVQHYRNVHAVVFVYD<br>MTNMA SFHSLPSWIEECKQHLLANDIPRILVG NKCDLRS AIQVPTDLAQKFADTHSM<br>PLFETSAKNPNDNDHVEAIFMTLAHKLKSHKPLMLSQPPDNGIILKPEPKPAMTCWC                                                                                                                                          |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. 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.                                                                                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

|                  |                                                            |
|------------------|------------------------------------------------------------|
| <b>Gene Name</b> | RAB33B RAB33B, member RAS oncogene family [ Homo sapiens ] |
|------------------|------------------------------------------------------------|

|                        |        |
|------------------------|--------|
| <b>Official Symbol</b> | RAB33B |
|------------------------|--------|

|                 |                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | RAB33B; RAB33B, member RAS oncogene family; ras-related protein Rab-33B; DKFZP434G099; MGC138182; DKFZp434G099; |
|-----------------|-----------------------------------------------------------------------------------------------------------------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 83452 |
|----------------|-------|

|                    |           |
|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_031296 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_112586 |
|-----------------------|-----------|

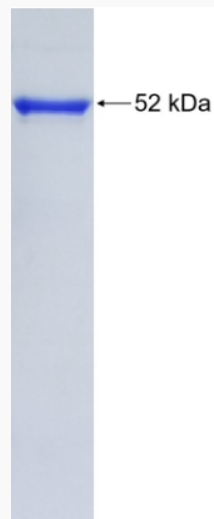
|            |        |
|------------|--------|
| <b>MIM</b> | 605950 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9H082 |
|-------------------|--------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA