

# Recombinant Human RAB14 protein, GST-tagged

**Cat. No.** RAB14-1786H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAB14 protein(1-215 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-215 aa                                                                                                                                                                                                                                                                     |
| <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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| <b>AA Sequence</b>      | MATAPYNYSYIFKYIIIGDMGVGKSCLLHQFTEKKFMADCPHTIGVEFGTRIIEVSGQK<br>IKLQIWDTAGQERFRAVTRSYRGAAGALMVYDITRRSTYNHLSSWLTDARNLTNPN<br>TVIILIGNKADLEAQRDVTYEEAKQFAEENGLLFLEASAKTGENVEDAFLEAAKKIYQN<br>IQDGSLDLNAAESGVQHKPSAPQGGRLTSEPQPQREGCGC                                           |
| <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).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                         |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage. |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## GENE INFORMATION

|                        |                                                                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RAB14 RAB14, member RAS oncogene family [ Homo sapiens ]                                                                                                                                                                      |
| <b>Official Symbol</b> | RAB14                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | RAB14; RAB14, member RAS oncogene family; ras-related protein Rab-14; bA165P4.3 (member RAS oncogene family); F protein binding protein 1; FBP; RAB 14; small GTP binding protein RAB14; F protein-binding protein 1; RAB-14; |
| <b>Gene ID</b>         | 51552                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_016322                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_057406                                                                                                                                                                                                                     |
| <b>MIM</b>             | 612673                                                                                                                                                                                                                        |
| <b>UniProt ID</b>      | P61106                                                                                                                                                                                                                        |

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