

# Recombinant Human RAB1A, GST-tagged

**Cat. No.** RAB1A-2104H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAB1A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-205aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RAB1A RAB1A, member RAS oncogene family [ Homo sapiens ]                                                                                                                                                                                     |
| <b>Official Symbol</b> | RAB1A                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | RAB1A; RAB1A, member RAS oncogene family; RAB1; ras-related protein Rab-1A; Rab GTPase YPT1 homolog (yeast); YPT1; YPT1-related protein; Rab GTPase YPT1 homolog; GTP binding protein Rab1a; RAB1, member RAS oncogene family; DKFZp564B163; |

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|                            |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 5861                                                                                                                                |
| <b>mRNA Refseq</b>         | NM_004161                                                                                                                           |
| <b>Protein Refseq</b>      | NP_004152                                                                                                                           |
| <b>MIM</b>                 | 179508                                                                                                                              |
| <b>UniProt ID</b>          | P62820                                                                                                                              |
| <b>Chromosome Location</b> | 2p14                                                                                                                                |
| <b>Pathway</b>             | Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem; PLK1 signaling events, organism-specific biosystem; |
| <b>Function</b>            | GTP binding; GTPase activity; nucleotide binding;                                                                                   |

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