

# Recombinant Full Length Human RAC3 protein, GST-tagged

**Cat. No.** RAC3-3406H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAC3 protein(P60763)(1-192aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-192 a.a.                                                                                                                                                                                                                                       |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 48 kDa                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>MQAIKCVVVG DGAVGKTCLLISYTTNAFPGEYIPTVFDNYSANVMVDGKPVNLGLWD</p> <p>TAGQEDYDRLRPLSYPQTDVFLICFSLVSPASFENVRAKWYPEVRHHCPHTPILLVG</p> <p>TKLDLRDDKDTIERLRDKKLAPITYPQGLAMAREIGSVKYLECSALTQRGLKTVFDEAI</p> <p>RAVLCPPPVKKPGKKC</p>                    |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**
**Gene Name**

RAC3 ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3) [ Homo sapiens ]

**Official Symbol**

RAC3

**Synonyms**

RAC3; ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3); ras-related C3 botulinum toxin substrate 3; p21-Rac3; rho family, small GTP binding protein Rac3;

**Gene ID**

5881

**mRNA Refseq**

NM\_005052

**Protein Refseq**

NP\_005043

**MIM**

602050

**UniProt ID**

P60763

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