

## Active Recombinant Full Length Human RPS6KA6 Protein, GST-tagged

**Cat. No.** RPS6KA6-4242HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human RSK4 [1-745(end) amino acids of accession number NP_055311.1] was expressed as N-terminal GST-fusion protein (111 kDa) using baculovirus expression system. GST-RSK4 was purified by using glutathione sepharose chromatography. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                              |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-745                                                                                                                                                                                                                                              |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                           |
| <b>Bio-activity</b>     | The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.        |
| <b>Purity</b>           | 99%                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                       |

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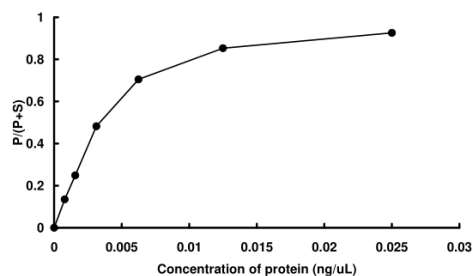
 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                   |
|------------------------|---------------------------------------------------|
| <b>Gene Name</b>       | ribosomal protein S6 kinase, 90kDa, polypeptide 6 |
| <b>Official Symbol</b> | RPS6KA6                                           |
| <b>Synonyms</b>        | RPS6KA6;PP90RSK4;RSK-4;RSK4;S6K-alpha-6;p90RSK6   |
| <b>Protein Refseq</b>  | <a href="#">NP_055311.1</a>                       |
| <b>UniProt ID</b>      | <a href="#">Q9UK32</a>                            |

### Activity data

Activity data



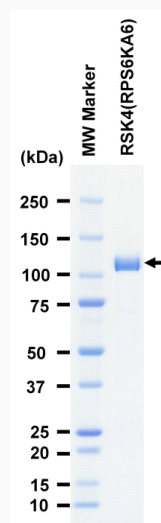
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## SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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