Active Recombinant Full Length Human RPS6KA6 Protein, GST-tagged

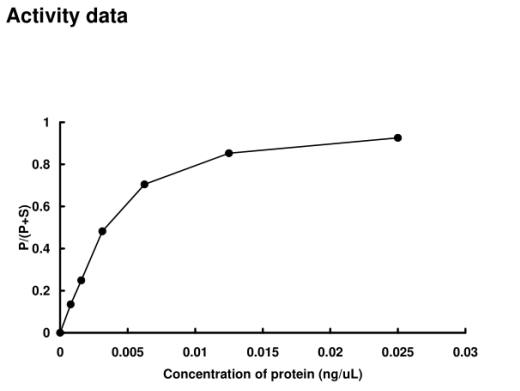
Cat. No. RPS6KA6-4242HF **Lot. No.** (See product label)

SPECIFICATION

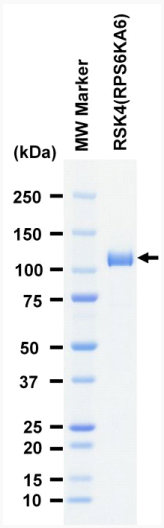
Product Overview	Full-length human RSK4 [1-745(end) amino acids of accession number NP_055311.1] was expressed as N-terminal GST-fusion protein (111 kDa) using baculovirus expression system. GST-RSK4 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength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

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GENE INFORMATION

Gene Name	ribosomal protein S6 kinase, 90kDa, polypeptide 6
Official Symbol	RPS6KA6
Synonyms	RPS6KA6;PP90RSK4;RSK-4;RSK4;S6K-alpha-6;p90RSK6
Protein Refseq	NP_055311.1
UniProt ID	Q9UK32
Activity data	 The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.

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

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