

Active Recombinant Human RPS6KA1, GST-tagged

Cat. No. RPS6KA1-555H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human RPS6KA1 (Accession # NM_002953) , fused with an N-terminal GST tag, was produced in baculovirus in Sf 9 insect cells.

Species Human

Source Sf9 Cells

Form Supplied in 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, and 25% glycerol.

Bio-activity The specific activity of RSK1 was determined to be 187 nmol/min/mg using a synthetic peptide substrate

Molecular Mass In SDS-PAGE migrates as 108 kDa.

Purity The purity was determined to be >90% by densitometry

Storage Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name RPS6KA1 ribosomal protein S6 kinase, 90kDa, polypeptide 1 [Homo sapiens]

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Official Symbol	RPS6KA1
Synonyms	RPS6KA1; ribosomal protein S6 kinase, 90kDa, polypeptide 1; ribosomal protein S6 kinase, 90kD, polypeptide 1; ribosomal protein S6 kinase alpha-1; HU 1; RSK; RSK1; RSK-1; p90S6K; p90RSK1; p90-RSK 1; MAPKAPK-1a; S6K-alpha 1; S6K-alpha-1; MAPKAP kinase 1a; ribosomal S6 kinase 1; MAPK-activated protein kinase 1a; ribosomal protein S6 kinase alpha 1; 90 kDa ribosomal protein S6 kinase 1; MAP kinase-activated protein kinase 1a; dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 1); HU-1; MAPKAPK1A;
Gene ID	6195
mRNA Refseq	NM_001006665
Protein Refseq	NP_001006666
MIM	601684
UniProt ID	Q15418
Chromosome Location	1p

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