

Recombinant Human RSK3 (N-GST tag)

Cat No:HR2R1932

For research use only

Overview

Quantity	10 µg
Gene Symbol	RSK3
Gene ID	N/A
Accession	NM_021135
Alternative Name	RSK; HU-2; RPS6KA2; p90-RSK3; pp90RSK3; MAPKAPK1C; S6K-alpha; S6K-alpha2
Species	Human
Source	Insect cells
Description	RSK3 is a member of the RSK (ribosomal S6 kinase) family that encodes a 733-amino-acid protein with a unique N-terminal region containing a putative nuclear localization signal . RSK3 mRNA is widely expressed and is activated by growth factors, serum and phorbol ester. Upon stimulation, RSK3 translocates to the cell nucleus and phosphorylates nuclear proteins. RSK3 can bind to ERK1/2 and this association increases the duration of RSK3 activation .
Functions	The specific activity of RSK3 was determined to be 131 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	112
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.