

Product: RSK3, active
Catalog #: 02-2081
Amount: 5 µg

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 (1).
The gene accession number is **NM021135**.
Gene Aliases: RPS6KA2; HU-2, MAPKAPK1C, S6K-alpha, S6K-alpha2, p90-RSK3, pp90RSK3

SOURCE: Recombinant human RSK3 was expressed in Sf9 cells using an N-terminal GST tag

MOLECULAR WEIGHT: 112kDa

PURITY: > 90% (by densitometry)

FORM: Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol

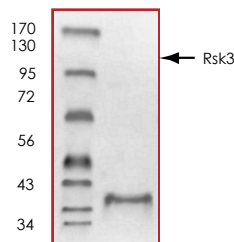
CONCENTRATION: 0.1 mg/ml

SPECIFIC ACTIVITY: 131 nmol/mim/mg

STORAGE: -70°C (aliquot). AVOID repeated Freeze/thaw cycles

REFERENCE:

1. Zhao, Y. et al: RSK3 encodes a novel pp90rsk isoform with a unique N-terminal sequence: growth factor-stimulated kinase function and nuclear translocation. Mol Cell Biol. 1995 Aug;15(8):4353-63
2. Roux, P P. et al: Phosphorylation of p90 ribosomal S6 kinase (RSK) regulates extracellular signal-regulated kinase docking and RSK activity. Mol Cell Biol. 2003 Jul;23(14):4796-804



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