

# RSK2, Active recombinant protein

RSK, ribosomal protein S6 kinase, 90kDa, polypeptide 3 Catalog # PBV11340r

## **Specification**

## RSK2, Active recombinant protein - Product info

Primary Accession P51812
Concentration 0.1

Calculated MW 112.0 kDa KDa

## RSK2, Active recombinant protein - Additional Info

Gene ID 6197 Gene Symbol RPS6KA3

**Other Names** 

RSK, ribosomal protein S6 kinase, 90kDa, polypeptide 3, MAP kinase-activated protein kinase 1c

Source Baculovirus (Sf9 insect cells)

Assay&Purity SDS-PAGE; ≥90%

Assay2&Purity2 HPLC; Recombinant Yes

Format Liquid

#### Storage

-80°C; Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.

# RSK2, Active recombinant protein - Protocols

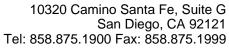
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

#### RSK2, Active recombinant protein - Images

## RSK2, Active recombinant protein - Background

RSK2 is a member of the RSK (ribosomal S6 kinase) family that are growth factor-regulated serine/threonine kinases. RSK2 has been shown to mediate growth factor signaling via RAS and MAPK leading to the induction of CREB serine-133 phosphorylation and activation of gene expression (1). Mutations in RSK2 have been shown to be responsible for Coffin-Lowry syndrome





(CLS) which is a X-linked disorder characterized by severe psychomotor retardation, facial and digital dysmorphisms, and progressive skeletal deformations (2).