

Product datasheet

RPS6 peptide ab204880

Overview

Product name RPS6 peptide

Description

Nature Synthetic

Amino Acid Sequence

Sequence KRRRLASLR

Specifications

Our [Abpromise guarantee](#) covers the use of **ab204880** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications HPLC
Functional Studies

Form Lyophilised

Additional notes ab204880 (RPS6 peptide) can be utilized as a substrate for the following active protein kinases:

[ab59979](#) (Active human CDC42 binding protein kinase alpha protein fragment)

[ab56638](#) (Active human CDC42 Binding Protein Kinase Beta protein fragment)

[ab63190](#) (Active human CLK2 protein fragment)

[ab60835](#) (Active human PIM1 full length protein)

[ab60836](#) (Active human PIM2 full length protein)

[ab51415](#) (Active human ROCK1 protein fragment)

[ab51423](#) (Active human ROCK2 protein fragment)

[ab125828](#) (Active human ROCK2 protein fragment)

[ab60880](#) (Active human RSK1 p90 full length protein)

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.

Reconstitution Dilute peptide in distilled water to a final concentration of 1 mg/ml. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature.

General Info

Function	May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.
Sequence similarities	Belongs to the ribosomal protein S6e family.
Post-translational modifications	Ribosomal protein S6 is the major substrate of protein kinases in eukaryote ribosomes. The phosphorylation is stimulated by growth factors, tumor promoting agents, and mitogens. It is dephosphorylated at growth arrest.

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