

Recombinant Human RSK3/RPS6KA2 Protein

Catalog No.: RP03354LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	6196	Q15349

Tags

N-GST

Synonyms

RPS6KA2; MAPKAPK1C; RSK3; p90RSK2;
S6K-alpha-2; Ribosomal protein S6
kinase alpha-2

Product Information

Source	Purification
Baculovirus-Insect Cells	> 85% by SDS-PAGE and HPLC

Calculated MW	Observed MW
109.8 kDa	90-110 kDa

Endotoxin

< 1.0 EU/μg of the protein by LAL
method

Formulation

Supplied as a 0.22 μm filtered solution in
50 mM Tris-HCl, 1 mM DTT, 200 mM
NaCl, 5% glycerol. (pH 7.5). Contact us
for customized product form or
formulation.

Reconstitution

Please use running water to thaw it
quickly.

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Background

RSK3 also known as ribosomal protein S6 kinase alpha-2 is encoded by the RPS6KA2 gene. RSK3 is a member of the RSK (ribosomal S6 kinase) family of serine and threonine kinases and contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation.

Basic Information

Description

Recombinant Human RSK3/RPS6KA2 Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Met1-Leu733) of Human RPS6KA2 (Accession #Q15349) fused with a N-GST tag.

Bio-Activity

The activity of RSK3 is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

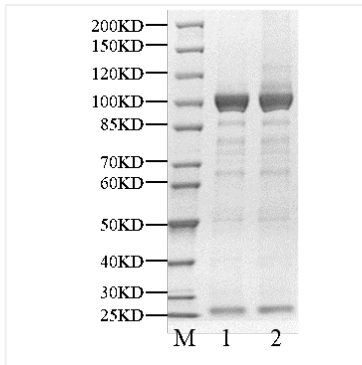
Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

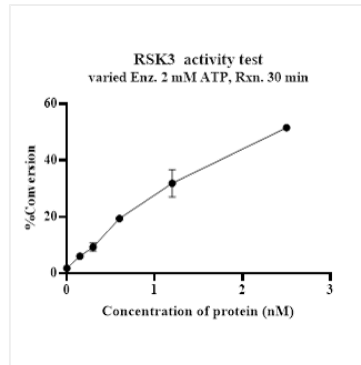
Aliquots below 10 μL are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.

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Validation Data



Recombinant Human RSK3/RPS6KA2 Protein was resolved with SDS-PAGE under reducing (Lane 1) and non-reducing (Lane 2) conditions.



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