

Recombinant Human RSK4/RPS6KA6 Kinase

Catalog No.: RP03355LQ

Sequence Information

Species **Gene ID**
Human 27330

Swiss Prot **Tags**
Q9UK32 N-GST

Synonyms

RPS6KA6; RSK4; pp90RSK4;
p90RSK6; S6K- α -6; Ribosomal
protein S6 kinase α -6

Product Information

Source **Purification**
Baculovirus-
Insect Cells $\geq 90\%$ as
determined by
SDS-PAGE; $\geq 90\%$
as determined
by HPLC.

Calculated MW **Observed MW**
110.4 kDa 85-110 kDa

Endotoxin

< 1 EU/ μ g of the protein by LAL
method.

Formulation

Supplied as a 0.22 μ m filtered
solution in 50 mM Tris-HCl, 200
mM NaCl, 0.05% Brij35, 10%
glycerol, 1 mM DTT. (pH 7.5).
Contact us for customized product
form or formulation.

Reconstitution

Please use running water to thaw
it quickly.

Background

RSK4 also known as ribosomal protein S6 kinase polypeptide 6 is encoded by the RPS6KA6 gene. RSK4 is a member of the RSK (ribosomal S6 kinase) family of serine and threonine kinases and may be distinct from other members of this family. As studies suggest it is not growth factor dependent and may not participate in the same signaling pathways.

Basic Information

Description

Recombinant Human RSK4/RPS6KA6 Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Met1-Leu745) of Human RPS6KA6 (Accession #Q9UK32) fused with a N-GST tag.

Activity

The activity of RSK4 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.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

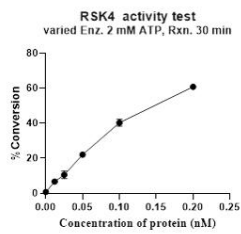
Contact

 | 400-999-6126

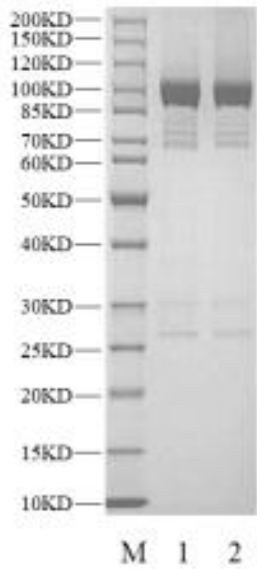
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Validation Data



The activity of RSK4 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.



Recombinant Human RSK4/RPS6KA6 Kinase was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.