

Catalog No.: RP03355LQ **Recombinant**

Species	Gene ID	Swiss Prot
Human	27330	O9UK32

Tags
N-GST

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

Source	Purification
Baculovirus-Insect Cells	≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Calculated MW	Observed MW
110.4 kDa	85-110 kDa

< 1 EU/μg of the protein by LAL method.

Supplied as a 0.22 µm 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.

Please use running water to thaw it quickly.

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

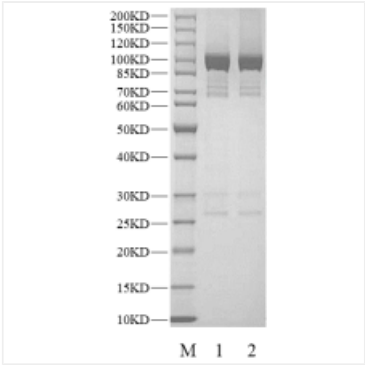
RSK4 also known as ribosomal protein S6 kinase polypeptide 6 is encoded by the RPS6KA6 gene. RSK4 is a member of the RSK (ribosomal S6 kinase) family of serine and threonine kinases and may be distinct from other members of this family. As studies suggest it is not growth factor dependent and may not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

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.

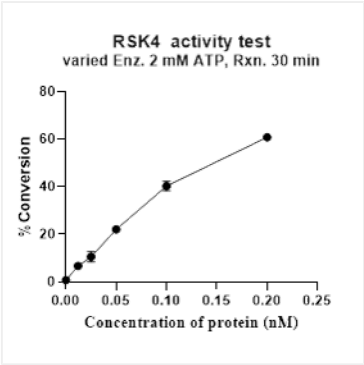
The activity of RSK4 is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ 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 μ L are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.



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



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.