

Datasheet for ABIN5855088  
**RPS6KB1 Protein (AA 1-525) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	RPS6KB1
Protein Characteristics:	AA 1-525
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPS6KB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPTHTEIKR VAEEKVTLPC HHQLGLPEKD TLDIEWLLTD NEGNQKVVIT YSSRHVYNNL TEEQKGRVAF ASNFLAGDAS LQIEPLKPSD EGRYTCKVKN SGRYVWSHVI LKVLVRPSKP KCELEGELTE GSDLTLQCES SSGTEPIVYYY WQRIREKEGE DERLPPKSRI DYNHPGRVLL QNLTMSYSGL YQCTAGNEAG KESCVVRVTV QYVQSIGMVA HHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

Target:	RPS6KB1
Alternative Name:	RPS6KB1 ( <a href="#">RPS6KB1 Products</a> )
Background:	CLMP, also known as CXADR like membrane protein, is a type 1 transmembrane protein and

## Target Details

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member of the CTX family within the immunoglobulin superfamily. This protein is highly expressed in the small intestine and placenta, and is found at intermediate levels in the heart, skeletal muscle, colon, and lung and appears in low levels in the liver and peripheral blood leukocytes as well. It is localized to junctional complexes between endothelial and epithelial cells and may play a role in cell-cell adhesion. Also, it plays a role in adipocyte differentiation and development of obesity. Recombinant human CLMP, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Molecular Weight: 25.6kDa (226aa) 28-40kDa (SDS-PAGE under reducing conditions)

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NCBI Accession: [NP\\_079045](#)

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UniProt: [Q9H6B4](#)

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Pathways: [PI3K-Akt Signaling](#), [RTK Signaling](#), [AMPK Signaling](#), [Regulation of Cell Size](#), [Skeletal Muscle Fiber Development](#), [Feeding Behaviour](#), [G-protein mediated Events](#), [Smooth Muscle Cell Migration](#), [Interaction of EGFR with phospholipase C-gamma](#), [Warburg Effect](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.5 mg/mL

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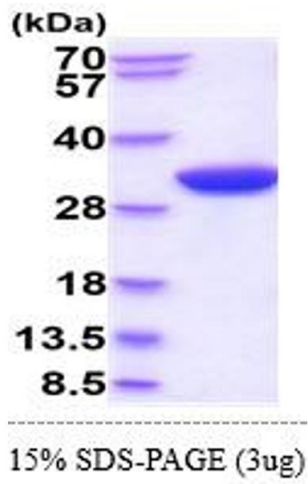
Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 1 mM DTT, 20 % glycerol

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.