SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Ribosomal Protein S6 Kinase Alpha 5 (RPS6Ka5)

Catalog Number: SIPM060Hu01 **Spec: 20ug**

Product Name	Recombinant Ribosomal Protein S6 Kinase Alpha 5 (RPS6Ka5)
Catalog Number	SIPM060Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Glu2~Phe348
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% Sarcosyl, 5% Trehalose .
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.9
Predicted Molecular Mass	42.5kDa
Accurate Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.2 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

EEEGGSSGG AAGTSADGGD GGEQLLTVKH ELRTANLTGH AEKVGIENFE
LLKVLGTGAY GKVFLVRKIS GHDTGKLYAM KVLKKATIVQ KAKTTEHTRT
ERQVLEHIRQ SPFLVTLHYA FQTETKLHLI LDYINGGELF THLSQRERFT
EHEVQIYVGE IVLALEHLHK LGIIYRDIKL ENILLDSNGH VVLTDFGLSK
EFVADETERA YSFCGTIEYM APDIVRGGDS GHDKAVDWWS LGVLMYELLT
GASPFTVDGE KNSQAEISRR ILKSEPPYPQ EMSALAKDLI QRLLMKDPKK
RLGCGPRDAD EIKEHLFFQK INWDDLAAKK VPAPFKPVIR DELDVSNF

[IDENTIFICATION]

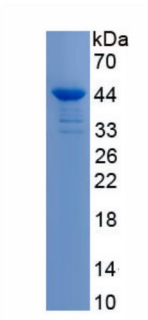


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.