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Recombinant Ribosomal Protein S6 Kinase Alpha 1 (RPS6Ka1)

Catalog Number: SIPM056Hu01 **Spec: 50ug**

Product Name	Recombinant Ribosomal Protein S6 Kinase Alpha 1 (RPS6Ka1)
Catalog Number	SIPM056Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Phe62~Tyr321
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Original Concentration	300μg/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	8.9
Predicted Molecular Mass	33.5kDa
Accurate Molecular Mass	34kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-1.0 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

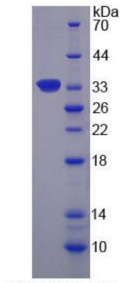
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

FELLKVLGQ GSFGKVFLVR KVTRPDSGHL YAMKVLKKAT
LKVRDRVRTK MERDILADVN HPFVVKLHYA FQTEGKLYLI LDFLRGGDLF
TRLSKEVMFT EEDVKFYLAE LALGLDHLHS LGIIYRDLKP ENILLDEEGH
IKLTDFGLSK EAIDHEKKAY SFCGTVEYMA PEVVNRQGHS HSADWWSYGV
LMFEMLTGSL PFQGKDRKET MTLILKAKLG MPQFLSTEAQ SLLRALFKRN
PANRLGSGPD GAEEIKRHVF Y

[IDENTIFICATION]



15% 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.