

# Recombinant Protein Kinase, AMP Activated Gamma 1 (PRKAg1) Instruction Manual

**SIPD673Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Cytoplasm
<b>Predicted Molecular Mass</b>	30.4kDa
<b>Accurate Molecular Mass</b>	30kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Arg70~Leu300 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	8.7
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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          R A A P L W D S K K Q S F V G M L T I D F I N I L H R Y Y K  
S A L V Q I Y E L E E H K I E T W R E V Y L Q D S F K P L V C I S P N A S L F D A V S S L I R N K I  
H R L P V I D P E S G N T L Y I L T H K R I L K F L K L F I T E F P K P E F M S K S L E E L Q I G T  
Y A N I A M V R T T T P V Y V A L G I F V Q H R V S A L P V V D E K G R V V D I Y S K F D V I N L A  
A E K T Y N N L D V S V T K A L Q H R S H Y F E G V L K C Y L H E T L E T I I N R L V E A E V H R L
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## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

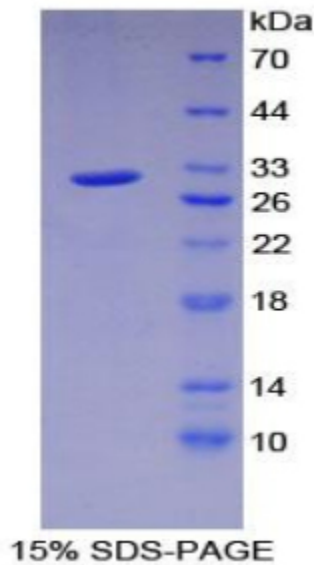
## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

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

## Image



SDS-PAGE Image

## [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.