Recombinant Human PRKAB1 protein, His & GST-tagged

Cat. No. PRKAB1-1785H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKAB1 aa. (Arg13~Leu242 (Accession # Q9Y478)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg13~Leu242
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	PRKAB1 protein kinase AMP-activated non-catalytic subunit beta 1 [Homo sapiens (human)]
Official Symbol	PRKAB1
Synonyms	PRKAB1; protein kinase AMP-activated non-catalytic subunit beta 1; AMPK; HAMPKb; 5'-AMP-activated protein kinase subunit beta-1; 5'-AMP-activated protein kinase beta-1 subunit; AMP-activated protein kinase beta subunit; AMPK beta -1 chain; AMPK beta 1; AMPK subunit beta-1; AMPKb; protein kinase, AMP-activated, beta 1 non-catalytic subunit; protein kinase, AMP-activated, noncatalytic, beta-1
Gene ID	5564
mRNA Refseq	NM_006253.4
Protein Refseq	NP_006244.2
UniProt ID	Q9Y478

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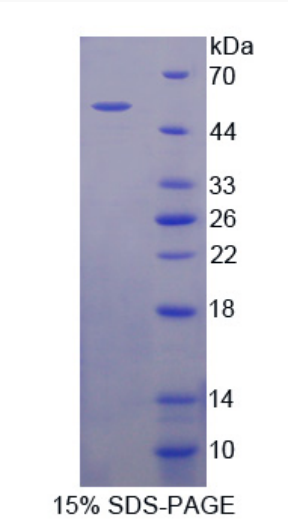
SDS-PAGE	 15% SDS-PAGE

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