

Recombinant Human PKIA Protein, His-tagged

Cat. No. PKIA-498H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PKIA(Ala13~Ala71) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala13~Ala71
Description	The protein encoded by this gene is a member of the cAMP-dependent protein kinase (PKA) inhibitor family. This protein was demonstrated to interact with and inhibit the activities of both C alpha and C beta catalytic subunits of the PKA. Alternatively spliced transcript variants encoding the same protein have been reported.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	9.9kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein

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 centigrade 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.

Storage

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

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

PKIA protein kinase (cAMP-dependent, catalytic) inhibitor alpha [Homo sapiens]

Official Symbol

PKIA

Synonyms

PRKACN1

Gene ID

5569

mRNA Refseq

NM_181839.2

Protein Refseq

NP_862822.1

MIM

606059

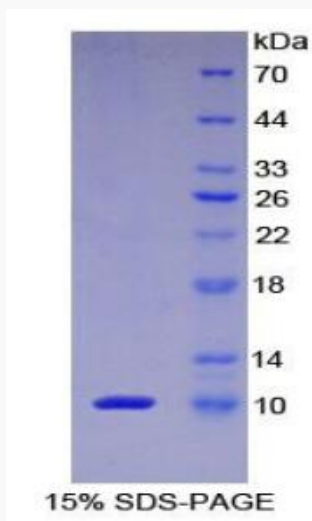
UniProt ID

P61925

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