

Recombinant Human PKIG Protein, His-tagged

Cat. No. PKIG-568H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PKIG(Met1~Ser76) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Ser76
Description	This gene encodes a member of the protein kinase inhibitor family. Studies of a similar protein in mice suggest that this protein acts as a potent competitive cAMP-dependent protein kinase inhibitor, and is a predominant form of inhibitor in various tissues. The encoded protein may be involved in osteogenesis. Alternative splicing results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	11.7kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. 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

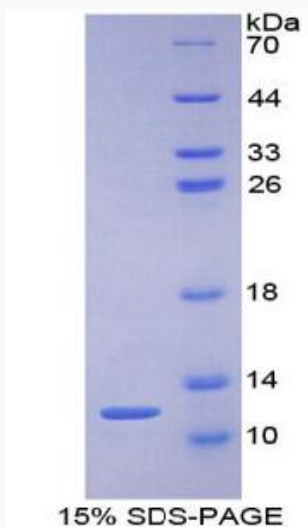
GENE INFORMATION

Gene Name	PKIG protein kinase (cAMP-dependent, catalytic) inhibitor gamma [Homo sapiens]
Official Symbol	PKIG
Synonyms	PKIG; protein kinase (cAMP-dependent, catalytic) inhibitor gamma; cAMP-dependent protein kinase inhibitor gamma; PKI-gamma; MGC126458; MGC126459;
Gene ID	11142
mRNA Refseq	NM_007066
Protein Refseq	NP_008997
MIM	604932
UniProt ID	Q9Y2B9

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