

Recombinant Human IK protein, His & GST-tagged

Cat. No. IK-1512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IK aa. (Met1~Pro192 (Accession # Q13123)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Pro192
Description	The protein encoded by this gene was identified by its RED repeat, a stretch of repeated arginine, glutamic acid and aspartic acid residues. The protein localizes to discrete dots within the nucleus, excluding the nucleolus. Its function is unknown. This gene maps to chromosome 5; however, a pseudogene may exist on chromosome 2.
Form	Freeze-dried powder
Molecular Mass	62kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

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.

Isoelectric Point

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GENE INFORMATION

Gene Name

IK IK cytokine [Homo sapiens (human)]

Official Symbol

IK

Synonyms

IK; IK cytokine; RED; RER; CSA2; protein Red; IK cytokine, down-regulator of HLA II; IK factor; RD element; chondrosarcoma-associated protein 2; cytokine IK; prer protein

Gene ID

3550

mRNA Refseq

NM_006083.3

Protein Refseq

NP_006074.2

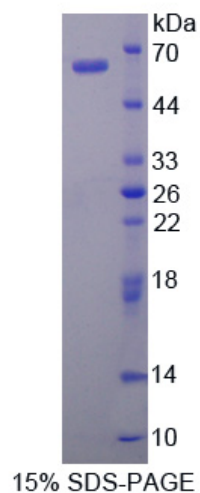
UniProt ID

Q13123

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SDS-PAGE

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