

Recombinant Human HCK protein, His & T7-tagged

Cat. No. HCK-7854H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HCK aa. (Gly2~Pro526 (Accession # P08631)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly2~Pro526
Description	The protein encoded by this gene is a member of the Src family of tyrosine kinases. This protein is primarily hemopoietic, particularly in cells of the myeloid and B-lymphoid lineages. It may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Multiple isoforms with different subcellular distributions are produced due to both alternative splicing and the use of alternative translation initiation codons, including a non-AUG (CUG) codon.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.2kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.3.
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 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	HCK HCK proto-oncogene, Src family tyrosine kinase [Homo sapiens (human)]
Official Symbol	HCK
Synonyms	HCK; HCK proto-oncogene, Src family tyrosine kinase; JTK9; p59Hck; p61Hck; tyrosine-protein kinase HCK; hematopoietic cell kinase; hemopoietic cell kinase; p59-HCK/p60-HCK
Gene ID	3055
mRNA Refseq	NM_001172129.1

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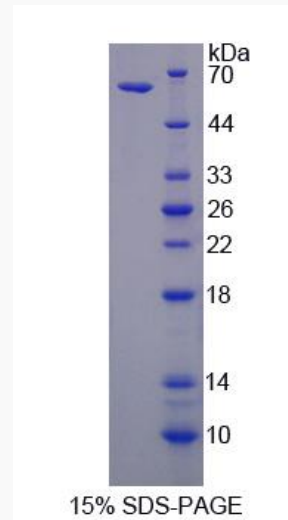
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Protein Refseq NP_001165600.1

UniProt ID P08631

SDS-PAGE



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