

Recombinant Human Hemopoietic Cell Kinase, GST-tagged, Active

Cat. No. HCK-327H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant human HCK (230-497) was expressed by baculovirus in *Sf9 cells* using an N-terminal GST tag. MW=57kDa.

Species

Human

Source

Sf9 Cells

ProteinLength

230-497 a.a.

Description

HCK, a protein-tyrosine kinase belonging to the Src family, is expressed in certain hemopoietic cells and especially prominent in cells of myeloid lineage, particularly mature granulocytes and monocytes. HCK gene is located on chromosome sequence 20q11-q12, a region that is affected by interstitial deletions in some acute myeloid leukemias and myeloproliferative disorders suggesting damage to HCK may contribute to the pathogenesis of these conditions.

Sequence

230-497.

Applications

Kinase Assay, Western Blot.

Storage And Stability

Store product at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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GENE INFORMATION

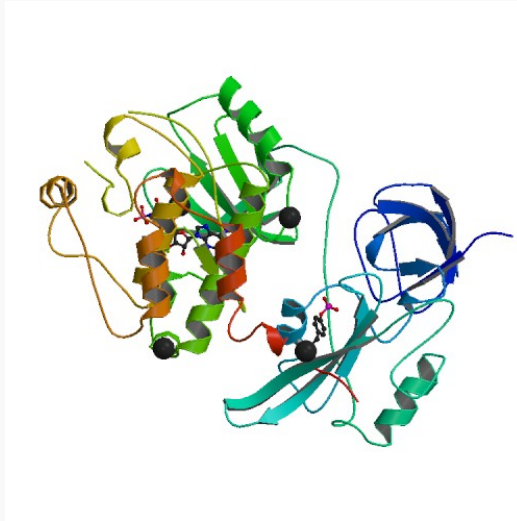
Gene Name	HCK hemopoietic cell kinase [Homo sapiens]
Synonyms	HCK; hemopoietic cell kinase; JTK9; Tyrosine-protein kinase HCK; EC 2.7.10.2; Hemopoietic cell kinase; p59-HCK/p60-HCK
Gene ID	3055
mRNA Refseq	NM_002110
Protein Refseq	NP_002101
UniProt ID	P08631
Chromosome Location	20q11-q12
MIM	142370
Pathway	Chemokine signaling pathway; Fc gamma R-mediated phagocytosis; HIV Infection
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; transferase activity

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