

Recombinant Human HCK cell lysate

Cat. No. HCK-774HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types. The encoded protein 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. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HCK hemopoietic cell kinase [Homo sapiens]
Official Symbol	HCK
Synonyms	HCK; hemopoietic cell kinase; tyrosine-protein kinase HCK; JTK9; p59-HCK/p60-HCK; hematopoietic cell kinase; p59Hck; p61Hck;

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Gene ID	3055
mRNA Refseq	NM_001172129
Protein Refseq	NP_001165600
MIM	142370
UniProt ID	P08631
Chromosome Location	20q11-q12
Pathway	Alpha-synuclein signaling, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class I PI3K signaling events, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity;