

## Recombinant Human HCK cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

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

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<b>Gene ID</b>	3055
<b>mRNA Refseq</b>	NM_001172129
<b>Protein Refseq</b>	NP_001165600
<b>MIM</b>	142370
<b>UniProt ID</b>	P08631
<b>Chromosome Location</b>	20q11-q12
<b>Pathway</b>	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;
<b>Function</b>	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity;

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