

Recombinant Human HCK, GST-tagged

Cat. No. HCK-29189TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to the SH3 domain of Human Hck with N terminal GST tag; Predicted MW 33kDa with tag.
Species	Human
Source	E.coli
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.
Conjugation	GST
Form	Lyophilised
Purity	>90% by SDS-PAGE
Storage	Shipped on dry ice. Upon delivery aliquot and store at -20oC. Avoid freeze / thaw cycles.

GENE INFORMATION

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Gene Name	HCK hemopoietic cell kinase [Homo sapiens]
Official Symbol	HCK
Synonyms	HCK; hemopoietic cell kinase; tyrosine-protein kinase HCK; JTK9;
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;
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity;

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