

Recombinant Human Hemopoietic Cell Kinase, SH3 Domain, GST-tagged

Cat. No. HCK-171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	N-terminal GST tagged Hck SH3 domain. Hck SH3 domain is the SH3 domain of Hck tyrosine kinase. SH3 domains are known to bind proline rich peptides. The Hck SH3 domain has been expressed as a fusion protein with GST allowing expression in E. coli and purification by affinity chromatography. The native GST-Hck-SH3 is the ideal tool for in vitro/in vivo investigations of the behaviour of cellular prions. It may be used for protein-protein interaction studies as well as for in vitro/in vivo conversion studies. The GST-Tag facilitates the protein's application in typical GST pull-down assays.
Purity	≥90% by SDS-PAGE.
Form	Lyophilized.
Usage	For in vitro use only.
Storage	Quality guaranteed for 12 months. Store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

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Gene Name	HCK hemopoietic cell kinase [Homo sapiens]
Synonyms	HCK; hemopoietic cell kinase; JTK9; Tyrosine-protein kinase HCK; EC2.7.10.2; Hemopoietic cell kinase; p59-HCK/p60-HCK
Gene ID	3055
mRNA Refseq	NM_002110
Protein Refseq	NP_002101
MIM	142370
UniProt ID	P08631
Chromosome Location	20q11-q12
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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