

Recombinant Human HCK Protein, GST-tagged

Cat. No. HCK-4626H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HCK full-length ORF (AAH14435, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq
Molecular Mass	81.29 kDa
AA Sequence	<p>MGCMKSKFLQVGGNTSSKTETSASPHCPVYVPDPTSTIKPGPNSHNSNTPGIREAG SEDIIIVALDYDYEAIHHEDLSFQKGDQMVVLEESGEWWKARSLATRKEGYIPSNYVA RVDSLETEEWWFFKGISRKDAERQLLAPGNMLGSFMIRDSETTKGSYSLSVRDYDPR QGDTVKHYKIRTLDNNGGFYISPRSTFSTLQELVDHYKKGNDGLCQKLSVPCMSSKP QKPWEKDAWEIPRESLKLEKLGAGQFGEVWMATYNKHTKVAVKTMKPGSMSVEA FLAEANVMKTLQHDKLVKLHAVVTKEPIYIITEFMAKGSLLDFLKSDEGSKQPLPKLID FSAQIAEGMAFIEQRNYIHRDLRAANILVSASLVCKIADFGLARVIEDNEYTAREGAKF PIKWTAPEAINFGSFTIKSDVWSFGILLMEIVTYGRIPYPGVSNPEVIRALERGYRMPR</p>

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PENCPEELYNIMMRCWKNRPEERPTFEYIQSVLDDFYTATESQYQQQP

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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;

Gene ID [3055](#)

mRNA Refseq [NM_001172129](#)

Protein Refseq [NP_001165600](#)

MIM [142370](#)

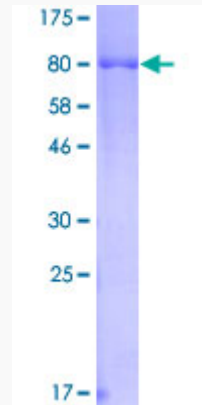
UniProt ID [P08631](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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