

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	MGCMKSKFLQVGGNTSSKTETSASPHCPVYVPDPTSTIKPGPNSHNSNTPGIREAG SEDIIVVALYDYEAIIHHEDLSFQKGDQMVVLEESGEWWKARSLATRKEGYIPSNYVA RVDLSLETEEWFFKGISRKDAERQLLAPGNMLGSFMIRDSETTKGSYSLSVRDYDPR QGDTVKHYKIRTLDNNGGFYISPRSTFSTLQELVDHYKKGNDGLCQKLSVPCMSSKP QKPWEKDAWEIPRESLKLEKKLGAGQFGEVWMATYNKHTKVAVKTMKPGSMSVEA FLAEANVMKTLQHDKLVKLHAVVTKEPIYIITEFMAKGSLDFLKSDEGSKQPLPKLID FSAQIAEGMAFIEQRNYIHRDLRAANILVSASLVCKIADFGLARVIEDNEYTAREGAKF PIKWTAPEAINFGSFTIKSDVWSFGILLMEIVTYGRIPYPGVSNPEVIRALERGYRMPR

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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

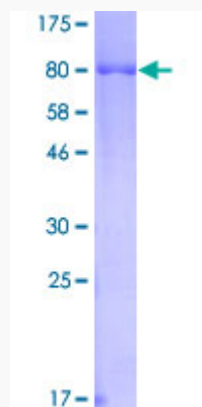
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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