

Recombinant Full Length Human HCK Protein, GST-tagged

Cat. No. HCK-3511HF 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	In Vitro Cell Free System
Protein Length	505 amino acids
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 SEDIIVVALYDYEAIIHHEDLSFQKGDQMVVLEESGEWWKARSLATRKEGYIPSNYVA RVDSLETEEWWFFKGISRKDAERQLLAPGNMLGSFMIRDSETTKGSYSLSVRDYDPR QGDTVKHYKIRTLDNNGGFYISPRSTFSTLQELVDHYKKGNDGLCQKLSVPCMSSKP QKPWEKDAWEIPRESLKLEKLGAGQFGEVWMATYNKHTKVAVKTMKPGSMSVEA FLAEANVMKTLQHDKLVKLHAVVTKEPIYIITEFMAKGSLLDFLKSDEGSKQPLPKLID FSAQIAEGMAFIEQRNYIHRDLRAANILVSASLVCKIADFGLARVIEDNEYTAREGAKF</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PIKWTAPEAINFGSFTIKSDVWSFGILLMEIVTYGRIPYPGVSNPEVIRALERGYRMPR
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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