

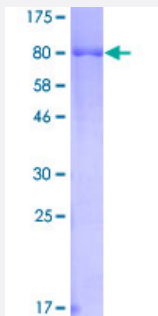
Full-Length

HCK (Human) Recombinant Protein (P01)

Catalog # H00003055-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HCK full-length ORF (AAH14435, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGCMKSKFLQVGGNTSSKTETSASPHCPVVPDPTSTIKPGPNSHNSNTPGIREAGSEDIIVALY
DYEAIHHEDLSFQKGDQMVLVEESGEWWKARSLATRKEGYPSNYVARVDSLETEEWFFKGISR
KDAERQLLAPGNMLGSFMIRDSETTKGSYSLSVRDYDPRQGDVTKHYKIRTLDNNGGFYISPRSTFS
TLQELVDHYKKGNDGLCQKLSVPCMSKPKPWEKDAWEIPRESLKLEKKLGAGQFGEVWMA
TYNKHTKVAVKTMKPGSMSVEAFLAEANVMKTLQHDKLVKLHAVVTKEPMITEFMAKGSLLDFL
KSDEGSKQPLPKLIDFSAQIAEGMAFIEQRNYIHRDLRAANILVSASLVCKIADFGLARVIEDNEYTA
REGAKFPIKWTAPEAINFGSFTIKSDVWSFGILLMENTYGRIPYPGVSNPEVIRALERGYRMPRPEN
CPEELYNIMMRCWKNRPEERPTFEYIQSVLDDFYTATESQYQQQP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.29

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

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

Gene Info — HCK

Entrez GeneID[3055](#)**GeneBank Accession#**[BC014435](#)**Protein Accession#**[AAH14435](#)**Gene Name**

HCK

Gene Alias

JTK9

Gene Description

hemopoietic cell kinase

Omim ID[142370](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

tyrosine protein kinase HCK

Pathway

- [Chemokine signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)

Disease

- [HIV Infections](#)
- [Pulmonary Disease](#)