

HCK recombinant protein

HCK, Active

CATALOG # AAA73586	HOST Sf9 insect cells	APPLICATIONS Western Blot
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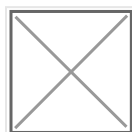
PRODUCT SYNONYMS

HCK; Active; JTK9; HCK recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for HCK recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for HCK recombinant protein	Recombinant human HCK (230-497) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_002110. HCK, a protein-tyrosine kinase belonging to the Src family, is expressed in certain hemopoietic cells and especially prominent in cells of myeloid lineage, particularly mature granulocytes and monocytes (1). HCK gene is located on chromosome sequence 20q11-q12, a region that is affected by interstitial deletions in some acute myeloid leukemias and myeloproliferative disorders suggesting damage to HCK may contribute to the pathogenesis of these conditions (2).
Product Categories/Family for HCK recombinant protein	Protein Kinases ; Cancer ; Cytoplasmic Tyrosine Kinases ; Inflammation ; JAK/STAT Pathway ; Metabolic Disorder
References	1. Ziegler, S F. et al: Novel protein-tyrosine kinase gene (hck) preferentially expressed in cells of hematopoietic origin. Molec. Cell. Biol. 7: 2276-2285, 1987. 2. Quintrell, N. et al: Identification of a human gene (HCK) that encodes a protein-tyrosine kinase and is expressed in hemopoietic cells. Molec. Cell. Biol. 7: 2267-2275, 1987

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002110
Molecular Weight	~57kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hck-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73586>