

HCK, Active recombinant protein
HCK, Tyrosine-protein kinase
Catalog # PBV11296r**Specification**

HCK, Active recombinant protein - Product info

Primary Accession	PO8631
Concentration	0.1
Calculated MW	57.0 kDa KDa

HCK, Active recombinant protein - Additional Info

Gene ID	3055
Gene Symbol	HCK
Other Names	
HCK, Tyrosine-protein kinase, Hematopoietic cell kinase, Hemopoietic cell kinase, p59-HCK/p60-HCK, p59Hck, p61Hck	
Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; Recombinant proteins in storage buffer (50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, 25% glycerol).

HCK, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HCK, Active recombinant protein - Images**HCK, Active recombinant protein - Background**

HCK, a protein-tyrosine kinase, belongs to SRC family members (1). Ziegler et al. found that expression of HCK may be limited to certain hemopoietic cells and is especially prominent in cells of myeloid lineage, particularly mature granulocytes and monocytes (2). Therefore, Quintrell et al.

designated the gene HCK (pronounced 'hick') for hemopoietic cell kinase. They described the nucleotide sequence of a cDNA clone and the distribution of RNA transcribed from HCK among various hemopoietic cells. They assigned the HCK gene to 20q11-q12. Since this region is affected by interstitial deletions in some acute myeloid leukemias and myeloproliferative disorders, they suggested that damage to HCK may contribute to the pathogenesis of these conditions (3).