



# Recombinant Human Tyrosine-protein kinase HCK (HCK)

<b>Product Code</b>	CSB-BP010211HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P08631
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GGRSSCEDP GCPRDEERAP RMGCMKSKFL QVGGNTFSKT ETSASPHCPV YVPDPTSTIK PGPNSHNSNT PGIREAGSED IIVALYDYE AIHHEDLSFQ KGDQMVVLEE SGEWWKARSL ATRKEGYIPS NYVARVDSLE TEEWFFKGIS RKDAERQLLA PGNMLGSFMI RDSETTKGSY SLSVRDYDPR QGDTVKHYKI RTLDNNGFYI SPRSTFSTLQ ELVDHYKKN DGLCQKLSVP CMSSKPQKPW EKDAWEIPRE SLKLEKKLGA GQFGEVWMAT YNKHTKVAVK TMKPGSMSVE AFLAEANVMK TLQHDKLVKL HAVVTKEPIY IITEFMAKGS LLDFLKSDEG SKQPLPKLID FSAQIAEGMA FIEQRNYIHR DLRAANILVS ASLVCKIADF GLARVIEDNE YTAREGAKFP IKWTAPEAIN FGSFTIKSDV WSFGILLMEI VTYGRIPYPG MSNPEVIRAL ERGYRMPRPE NCPEELYNIM MRCWKNRPEE RPTFEYIQSV LDDFYTATES QYQQQP
<b>Source</b>	Baculovirus
<b>Target Names</b>	HCK
<b>Protein Names</b>	Recommended name: Tyrosine-protein kinase HCK EC= 2.7.10.2 Alternative name(s): Hematopoietic cell kinase Hemopoietic cell kinase p59-HCK/p60-HCK p59Hck p61Hck
<b>Expression Region</b>	2-526
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.