Recombinant Human Tyrosine-protein kinase HCK (HCK)

Product Code	CSB-EP010211HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P08631
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GGRSSCEDP GCPRDEERAP RMGCMKSKFL QVGGNTFSKT ETSASPHCPV YVPDPTSTIK PGPNSHNSNT PGIREAGSED IIVVALYDYE AIHHEDLSFQ KGDQMVVLEE SGEWWKARSL ATRKEGYIPS NYVARVDSLE TEEWFFKGIS RKDAERQLLA PGNMLGSFMI RDSETTKGSY SLSVRDYDPR QGDTVKHYKI RTLDNGGFYI SPRSTFSTLQ ELVDHYKKGN 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
Source	E.coli
Target Names	HCK
Protein Names	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
Expression Region	2-526
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.