

Recombinant Human LCK protein, His-SUMO-tagged

Cat. No. LCK-3155H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCK protein(P06239)(1-539aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-539aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	77.2 kDa
AA Sequence	MGCGCSSHPEDDWMENIDVCENCHYPIVPLDGKGTLLIRNGSEVRDPLVTYEGSNP PASPLQDNLVIALHSYEP SHDGLGFEKG EQLRILEQSGEWWKAQSLTTGQEGFIPF NFVAKANSLEPEPWFFKNLSRKDAERQLLAPGNTHGSFLIRESESTAGSFSLSVRDF DQNGQGEVVKHYKIRNLDNGGFYISPRITFPGLHELVRHYTNASDGLCTRLSRPCQTQ KPQKPWWEDEWEVPRETLKLVERLGAGQFGEVWMGYNNGHTKVAVKSLKQGSM SPDAFLAEANLMKQLQHQRVLRLYAVVTQEPIYIITEYMENDTLDSQLEEKGLGASP WGNLGQQLLLLPTGSLVDLTKTPSGIKLTINKLLDMAAQIAEGMAFIEERNYIHRDLRA ANILVSDTL SCKIADFG LARLIEDNEYTAREGAKFPIKWTAPEAINYGTFTIKSDVWSF GILLTEIVTHGRIPYPGMTNPEVIQNLERGYRMVRPDNCPEELYQLMRLCWKERPED

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RPTFDYLRSVLEDDFFFTATEGQYQPQP

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name LCK lymphocyte-specific protein tyrosine kinase [Homo sapiens]

Official Symbol LCK

Synonyms LCK; lymphocyte-specific protein tyrosine kinase; tyrosine-protein kinase Lck; leukocyte C-terminal Src kinase; p56(LSTRA) protein-tyrosine kinase; t cell-specific protein-tyrosine kinase; proto-oncogene tyrosine-protein kinase LCK; lymphocyte cell-specific protein-tyrosine kinase; T-lymphocyte specific protein tyrosine kinase p56lck; LSK; YT16; p56lck; pp58lck;

Gene ID 3932

mRNA Refseq NM_001042771

Protein Refseq NP_001036236

MIM 153390

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UniProt ID

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