

## Recombinant Human LCK protein, His-SUMO-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LCK protein(P06239)(1-539aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-539aa
<b>Form</b>	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.
<b>Molecular Mass</b>	77.2 kDa
<b>AA Sequence</b>	<p>MGCGCSSHPEDDWMENIDVCENCHYPIVPLDGKGTLLIRNGSEVRDPLVTYEGSNP  PASPLQDNLVIALHSYEP SHDGLGFEKGEQLRILEQSGEWWKAQSLTTGQEGFIPF  NFVAKANSLEPEPWFFKNLSRKDAERQLLAPGNTHGSFLIRESESTAGSFSLSVRDF  DQNQGEVVKHYKIRNLDNGGFYISPRITFPGLHELVRHYTNASDGLCTRLSRPCQTQ  KPQKPWWEDEWEVPRETLKLVERLGAGQFGEVWVMGYNNGHTKVAVKSLKQGSM  SPDAFLAEANLMKQLQHQRVRLYAVVTQEPIYIITEYMENDTLDSQLEEKGLGASP  WGNLGGQQLLLPTGSLVDFLKTPSGIKLTINKLLDMAAQIAEGMAFIEERNYIHRDLRA  ANILVSDTL SCKIADFG LARLIEDNEYTAREGAKFPIKWTAPEAINYGTFITKSDVWSF  GILLTEIVTHGRIPYPGMTNPEVIQNLERGYRMVRPDNCPEELYQLMRLCWKERPED</p>

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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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