

Recombinant Human LCK protein, His-tagged

Cat. No. LCK-3524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCK protein(236-539 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	236-539 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DEWEVPRETLKLVERLGAGQFGEVWMGYNGHTKVAVKSLKQGSMSPDAFLAEA NLMKQLQHQRVLRLYAVVTQEPIYIITEYMENDTL LDSQLEEKGLGASPWGNLGGQQL LLLPTGSLVDFLKTPSGIKLTINKLLDMAAQIAEGMAFIEERNYIHRDLRAANILVSDTL SCKIADFGLARLIEDNEYTAREGAKFPIKWTAPEAINYGTFTIKSDVWSFGILLTEIVTH GRIPYPGMTNPEVIQNLERGYRMVRPDNCPEELYQLMRLCWKERPEDRPTFDYLR SVLEDDFTATEGQYQPQP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

UniProt ID

P06239

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