

Recombinant Human LCK protein, Flag-tagged, Biotinylated

Cat. No. LCK-60H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCK [1-509(end) amino acids of accession number NP_005347.2] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-509 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	62 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

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

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Synonyms	LCK; lymphocyte-specific protein tyrosine kinase; LSK; YT16; p56lck; pp58lck;
Gene ID	3932
mRNA Refseq	NM_001042771
Protein Refseq	NP_001036236
MIM	153390
UniProt ID	P06239
Chromosome Location	1p34.3
Pathway	Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem; Atypical NF-kappaB pathway, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; CD28 dependent Vav1 pathway, organism-specific biosystem;
Function	ATP binding; ATPase binding; CD4 receptor binding; CD8 receptor binding; SH2 domain binding; SH2 domain binding; antigen binding; glycoprotein binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; phosphatidylinositol 3-kinase binding; protein C-terminus binding; protein binding; protein complex binding; protein kinase binding; protein serine/threonine phosphatase activity; protein serine/threonine phosphatase activity; protein tyrosine kinase activity; protein tyrosine kinase activity; protein tyrosine kinase activity; protein tyrosine kinase activity; protein tyrosine phosphatase activity;

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