

Lck, Human Recombinant

CATALOG #:	7733-5	5 µg
ALTERNATIVE NAMES:	YT16, p56lck, pp58lck,	
SOURCE:	Recombinant full length human Lck containing N-terminal GST tag expressed by baculovirus in Sf 9 insect cells.	
PURITY:	≥ 95% by SDS-PAGE analysis	
GENE ACCESSION:	NM_005356	
MOL. WEIGHT:	~ 84 kDa (GST tag) (NM_005356).	
FORM:	Liquid	
FORMULATION:	In 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM Glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF and 25% Glycerol.	

STORAGE CONDITIONS: Store product at -70 °C. For optimal storage, divide into smaller aliquots after centrifugation and store at the recommended temperature. Avoid multiple freeze/thaw cycles.

DESCRIPTION:

LCK (p56lck) is a member of the src family of non-receptor tyrosine kinases. It was identified as a gene rearranged and overexpressed in the murine lymphoma LSTRA, most likely as a result of the insertion of Moloney murine leukemia virus DNA immediately adjacent to the gene. Lck behaves as a proto-oncogene and can lead to cell transformation upon activation. A number of human cancer cell lines show overexpression of LCK, pointing to a possible role for this kinase in the initiation and maintenance of the transformed state in human cancers.

SPECIFIC ACTIVITY: Lot specific

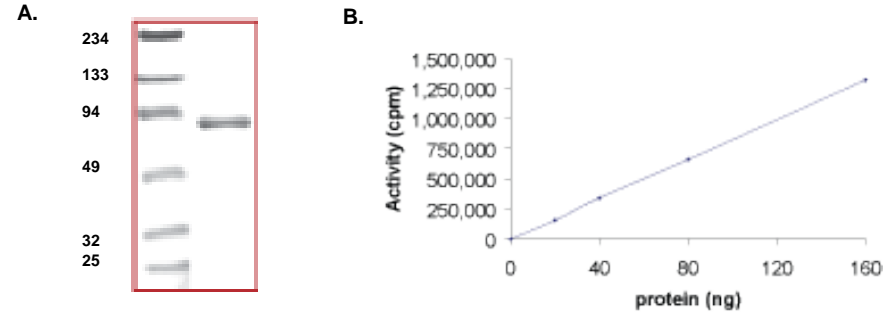


Figure A. SDS-PAGE of Lck protein: 1 µg of Lck protein was subjected to SDS-PAGE and Coomassie blue staining. The scan of the gel showed ≥ 95% purity and a band at ~84 kDa.
Figure B. Lck Specific Activity.

RELATED PRODUCTS:

Phospho-LCK (Tyr394) Antibody (5C6) **(Cat# A1027)**

Lck Antibody **(Cat# 3398)**

Phospho-Lck Polyclonal Antibody **(Cat# 3499)**

AMG-47a **(Cat# 2825)**

FOR RESEARCH USE ONLY! Not to be used on humans.