

## Recombinant Human LCK (N-GST tag)

Cat No:HR2R1663

For research use only

### Overview

|                    |  |
|--------------------|--|
| Quantity           | 10 ?g  |
| Gene Symbol        | LCK  |
| Gene ID            | N/A  |
| Accession          | NM_005356  |
| Alternative Name   | YT16, p56lck, pp58lck  |
| Species            | Human  |
| Source             | Insect cells   |
| 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 .? |
| Functions          | The specific activity of LCK was determined to be 239 nmol /min/mg as per activity assay protocol.   |
| Formulation        | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.   |
| Solubility         | N/A  |
| Appearance         | Liquid   |
| Molecular Weight   | 84   |
| Purity             | 70% - 90%  |
| Concentration      |  |
| Shipping Condition | Dry Ice  |
| Storage Condition  | Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.  |