

## Recombinant human Lck protein isoform 3 , N-His

Catalog Number: bs-41321P

Concentration: >1mg/ml

AA Seq: 222-539/539

Predicted MW: 36.4

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 4M urea (pH9.0) with 20mM Tris-HCl.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules. Multiple alternatively spliced variants, encoding the same protein, have been described. [provided by RefSeq, Jul 2008].

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.