

# Human BLNK/Ly-57/SLP-65 (His Tag) recombinant protein



Catalog Number: 502453

## General Information

### Gene Name Synonym

B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Cytoplasmic adapter protein; Src homology 2 domain-containing leukocyte protein of 65 kDa

### Protein Construction

A DNA sequence encoding the human BLNK isoform 1 (AAH18906.1) (Met 1-Ser 456) was fused with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind human BTK in a functional ELISA.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

His

## Molecular Mass

The recombinant human BLNK consists of 476 amino acids and has a calculated molecular mass of 53 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh BLNK is approximately 95-100 kDa due to glycosylation.

## Formulation

Lyophilized from sterile PBS, pH 7.4  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

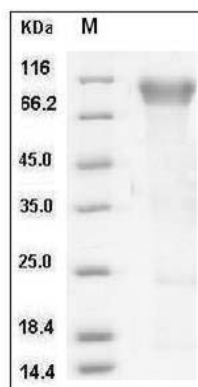
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Human BLNK / Ly-57 / SLP-65 Protein (His Tag)  
SDS-PAGE