

# Human Lyn (GST Tag) recombinant protein



Catalog Number: 500070

## General Information

### Protein Construction

A DNA sequence encoding the human LYN isoform a (NP\_002341.1) (Met 1-Pro 512) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

### QC Testing

#### Activity

The specific activity was determined to be 30 nmol/min/mg using Poly(Glu,Tyr) 4:1 as substrate.

#### Purity

> 94 % 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

Met

#### Molecular Mass

The recombinant human LYN/GST chimera

consists of 736 amino acids and predicts a molecular mass of 84.8 kDa. It migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Supplied as sterile 50mM Tris, 100mM NaCl, pH 8.0, 0.5mM Reduced Glutathione, 10% gly, 0.5mM PMSF

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

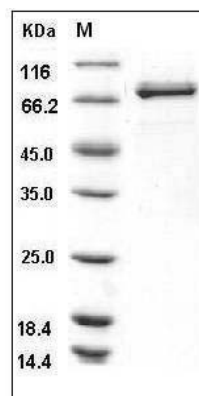
### Storage

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 Lyn Kinase Protein (GST Tag) SDS-PAGE