

# Human LGALS7 / Galectin-7 (GST Tag) recombinant protein



Catalog Number: 503442

## General Information

### Gene Name Synonym

HKL-14; PI7; p53-induced gene 1 protein

### Protein Construction

A DNA sequence encoding the human LGALS7 (P47929) (Ser 2-Phe 136) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to agglutinate human red blood cells.

The ED<sub>50</sub> for this effect is typically 0.01-0.05 µg/mL.

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

## Molecular Mass

The recombinant human LGALS7/GST chimera consists of 366 amino acids and has a predicted molecular mass of 41.8 kDa. It migrates as an approximately 40 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile PBS, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

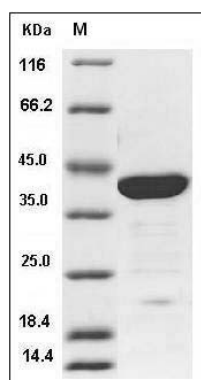
### Storage

Store it under sterile conditions at -20°C to -80°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 Galectin-7 / LGALS7 Protein (GST Tag)  
SDS-PAGE