

# Rat LGALS8 (GST Tag) recombinant protein



Catalog Number: 500933

## General Information

### Protein Construction

A DNA sequence encoding rat LGALS8 (NP\_446314.2) (Met 1-Trp 316) was fused with the GST tag at the N-terminus.

### Organism

Rat

### 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 0.05-0.3 µg/mL.

### Purity

> 90 % 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 rat LGALS8/GST chimera

consists of 548 amino acids and has a predicted molecular mass of 63.2 kDa. It migrates as a 55KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, 10% glycerol, 1mM DTT, pH 8.0

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

## Usage Guide

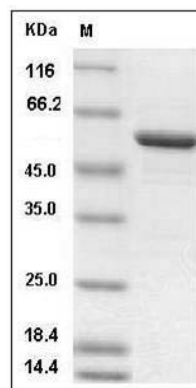
### Storage

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



Rat Galectin-8 / LGALS8 Protein (GST Tag) SDS-PAGE