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

Catalog Number: 501574



## **General Information**

## **Gene Name Synonym**

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

#### **Protein Construction**

A DNA sequence encoding the human LGALS7 (NP\_002298.1) (Ser2-Phe136) was expressed with a polyhistidine tag at the N-terminus.

# **Organism**

Human

### **Expression Host**

E. coli

# **QC Testing**

### **Activity**

Measured by its ability to agglutinate guinea pig red blood cells.

The  $ED_{50}$  for this effect is typically 2-10  $\mu$ g/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 $^{\circ}$ C

### Predicted N terminal

His

#### Molecular Mass

The recombinant human LGALS7 consists of 153 amino acids and predicts a molecular mass of 17.2 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.

#### **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**

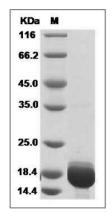
## **Storage**

Store it under sterile conditions at -20°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 (His Tag) SDS-PAGE