

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 ED₅₀ for this effect is typically 2-10 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

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

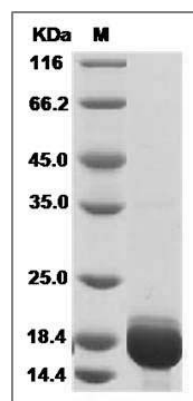
Storage

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



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