

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 ED₅₀ 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

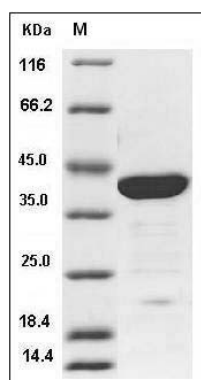
Storage

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



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SDS-PAGE