

Active Recombinant Rat LGALS8 protein, GST-tagged

Cat. No. LGALS8-1092R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat LGALS8 protein(NP_446314.2)(Met1-Trp316), fused with GST tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Trp316
Form	Lyophilized from sterile PBS, 10% glycerol, 1mM DTT, pH 8.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is typically 0.4-4 µg/mL.
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.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Lgals8 lectin, galactoside-binding, soluble, 8 \[Rattus norvegicus \]](#)

Official Symbol [LGALS8](#)

Synonyms LGALS8; lectin, galactoside-binding, soluble, 8; galectin-8; RL-30; gal-8; 30 kDa S-type lectin; lectin, galactose binding, soluble 8;

Gene ID [116641](#)

mRNA Refseq [NM_053862](#)

Protein Refseq [NP_446314](#)

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