

Active Recombinant Human LGALS8 protein(Met1-Trp317), GST-tagged

Cat. No. LGALS8-5178H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS8 (AAF19370.1) (Met 1-Trp 317) was expressed in E. coli, fused with the GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-Trp317
Form	Lyophilized from sterile 50mM Tris, 0.1 M NaCl, pH 8.0. 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 0.2-1 µg/ml.
Molecular Mass	The recombinant human LGALS8/GST chimera consists of 550 amino acids and predicts a molecular mass of 62.7 kDa. The apparent molecular mass of rh LGALS8/GST is approximately 60 kDa in SDS-PAGE under reducing conditions.
Purity	> 70 % 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

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 [Homo sapiens]

Official Symbol LGALS8

Synonyms LGALS8; lectin, galactoside-binding, soluble, 8; galectin-8; galectin 8; PCTA 1; galectin-8g; Po66 carbohydrate binding protein; po66 carbohydrate-binding protein; prostate carcinoma tumor antigen 1; Gal-8; PCTA1; PCTA-1; Po66-CBP;

Gene ID 3964

mRNA Refseq NM_006499

Protein Refseq NP_006490

MIM 606099

UniProt ID O00214

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