

## Active Recombinant Human LGALS7 protein, His-tagged

Cat. No. LGALS7-290H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LGALS7 protein(NP_002298.1)(Ser2-Phe136), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser2-Phe136
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is typically 0.2-2 µg/mL.
<b>Molecular Mass</b>	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.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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

<b>Gene Name</b>	LGALS7 lectin, galactoside-binding, soluble, 7 [ Homo sapiens ]
<b>Official Symbol</b>	LGALS7
<b>Synonyms</b>	LGALS7; lectin, galactoside-binding, soluble, 7; galectin-7; GAL7; galectin 7; LGALS7A; PIG1; TP5311;
<b>Gene ID</b>	3963
<b>mRNA Refseq</b>	NM_002307
<b>Protein Refseq</b>	NP_002298
<b>MIM</b>	600615
<b>UniProt ID</b>	P47929

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