

Active Recombinant Human LGALS7 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LGALS7 protein(NP_002298.1)(Ser2-Phe136), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser2-Phe136
Form	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.
Bio-activity	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is typically 0.2-2 µg/mL.
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.
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	LGALS7 lectin, galactoside-binding, soluble, 7 [Homo sapiens]
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Official Symbol	LGALS7
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Synonyms	LGALS7; lectin, galactoside-binding, soluble, 7; galectin-7; GAL7; galectin 7; LGALS7A; PIG1; TP53I1;
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Gene ID	3963
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mRNA Refseq	NM_002307
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Protein Refseq	NP_002298
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MIM	600615
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UniProt ID	P47929
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