

## Active Recombinant Human LGALS7

Cat. No. LGALS7-744H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LGALS7 (Accession # NP_002298) Ser2-Phe136 was produced in E. coli-derived.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-136 a.a.
<b>Predicted N Terminal</b>	Ser2
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS and Betamercaptoethanol with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to agglutinate human red blood cells. Hadari, Y.R. et al. (2000) J. Cell Sci. 113:2385. The ED50 for this effect is typically 0.75 - 3 µg/mL.
<b>Molecular Mass</b>	Recombinant Human LGALS7 has a calculated MW of 15 kDa.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 200 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## 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
<b>Chromosome Location</b>	19q13.13

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