

Active Recombinant Human LGALS7

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

SPECIFICATION

Product Overview	Recombinant Human LGALS7 (Accession # NP_002298) Ser2-Phe136 was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	2-136 a.a.
Predicted N Terminal	Ser2
Form	Lyophilized from a 0.2 µm filtered solution in PBS and Betamercaptoethanol with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Human LGALS7 has a calculated MW of 15 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

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

GENE INFORMATION

Gene Name [LGALS7 lectin, galactoside-binding, soluble, 7 \[Homo sapiens \]](#)

Official Symbol LGALS7

Synonyms LGALS7; lectin, galactoside-binding, soluble, 7; galectin-7; GAL7; galectin 7; LGALS7A; PIG1; TP53I1;

Gene ID [3963](#)

mRNA Refseq [NM_002307](#)

Protein Refseq [NP_002298](#)

MIM [600615](#)

UniProt ID P47929

Chromosome Location 19q13.13

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