

Recombinant Human LGALS7 protein, GST-tagged

Cat. No. LGALS7-301H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS7 protein(NP_002298)(1-136 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-136 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MSNVPHKSSLPEGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGSDAALHFNPRLD SEVVFNSKEQGSWGREERGPGVQFQRGQPFEVLIASDDGFKAVVGDAQYHHFRH RLPLARVRLVEVGGDVQLDSVRIF
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

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; TP5311;
Gene ID	3963
mRNA Refseq	NM_002307
Protein Refseq	NP_002298
MIM	600615
UniProt ID	P47929

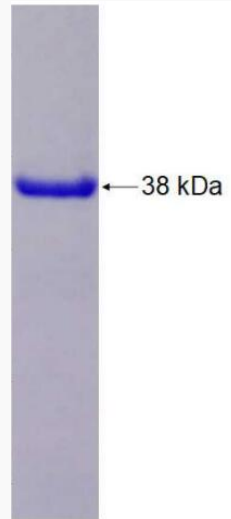
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SDS-PAGE



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