

Recombinant Human LGALS1 protein, His-tagged

Cat. No. LGALS1-3742H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS1 protein(P09382) is produced by our E.coli expression system and the target gene encoding Ala2-Asp135 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	2-135 aa
Form	Lyophilized from a 0.2 µm filtered solution of 20mM Citrate, 8% Trehalose, 4% Mannitol, 50mM NaCl, 1mM TCEP, 0.05% Tween 80, pH 4.0.
Molecular Mass	15.78 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the

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lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

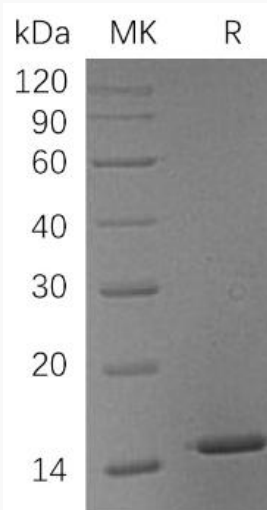
Gene Name	LGALS1 lectin, galactoside-binding, soluble, 1 [Homo sapiens]
Official Symbol	LGALS1
Synonyms	LGALS1; lectin, galactoside-binding, soluble, 1; galectin-1; galectin 1; GBP; HBL; HPL; gal-1; HLBP14; galaptin; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; 14 kDa laminin-binding protein; putative MAPK-activating protein PM12; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding protein 14kDa; GAL1; DKFZp686E23103;
Gene ID	3956
mRNA Refseq	NM_002305
Protein Refseq	NP_002296
MIM	150570
UniProt ID	P09382

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SDS-PAGE



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