

Recombinant Human LGALS1 protein, His-SUMO-tagged

Cat. No. LGALS1-3163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS1 protein(P09382)(2-135aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-135aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	30.6 kDa
AA Sequence	ACGLVASNLNLKPGECLRVRGVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHGDAN TIVCNSKDGGAWGTEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRL NLEAINYMAADGDFKIKCVAFD
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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