

# Recombinant Human LGALS1 protein, His&Myc-tagged

**Cat. No.** LGALS1-3164H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LGALS1 protein(P09382)(2-135aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 2-135aa                                                                                                                                                                                                                                          |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 19.6 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | ACGLVASNLNLKPGECLRVRGVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHGDAN<br>TIVCNSKDGGAWGTEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRL<br>NLEAINYMAADGDFKIKCVAFD                                                                                                    |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | 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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