



## Recombinant Human Galectin-7

## Datasheet

**Catalog Number:** PR27162

**Product Type:** Recombinant Protein

**Source:** *E. Coli*

**Amino Acid Sequence:** The sequence of the first five N-terminal amino acids was determined and was found to be Ser-Asn-Val-Pro-His.

**Description/Molecular Mass:** Galectin-7 Human Recombinant produced in *E. Coli* is a single, non-glycosylated, Polypeptide chain containing 135 amino acids and having a molecular mass of 15kDa. The LGALS7 is purified by proprietary chromatographic techniques.

**Purity:** Greater than 95.0% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Analysis by SDS-PAGE.

**Biological Activity:** The ED<sub>50</sub> of Galectin-7 as determined by hemagglutination test is 0.75–3 µg/ml.

**Format:** LGALS7 was lyophilized from a concentrated (1mg/ml) solution in 20mM PBS, pH 7.4.

**Reconstitution:** It is recommended to reconstitute the lyophilized Galectin-7 in sterile 18M<sup>2</sup>-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Storage:** Lyophilized LGALS7 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Galectin-7 should be stored at 4°C between 2-7 days and for future use below -18°C.

**Please prevent freeze-thaw cycles.**

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