

# Human LGALS8 Recombinant Protein



RPPB0287

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## Product Information    Protein Information

**Product SKU:**

RPPB0287

**Accession:**

O00214

**Host:**

Escherichia Coli.

**Protein description:**

Galectin-8 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 317 amino acids and having a molecular mass of 35.8kDa. The LGALS8 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Galectin-8, Gal-8, Po66 carbohydrate-binding protein, Po66-CBP, Prostate carcinoma tumor antigen 1, PCTA-1, LGALS8.

**Formulation:**

LGALS8 was lyophilized from a concentrated (1mg/ml) solution in 20mM PBS, pH 7.4.

**Purity:**

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

**Solubility:**

It is recommended to reconstitute the lyophilized Galectin-8 in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized LGALS8 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Galectin-8 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Met-Leu-Ser-Leu.

**Biological Activity:**

The ED<sub>50</sub> of Galectin-8 as determined by its ability to agglutinate human red blood cells is 0.8~4 µg/ml.