

Galectin-3, human recombinant protein
IgE-binding protein, MAC2, L-29, CPB-35
Catalog # PBV10351r**Specification**

Galectin-3, human recombinant protein - Product info

Primary Accession [P17931](#)
Calculated MW **26.0 kDa** KDa

Galectin-3, human recombinant protein - Additional Info

Gene ID **3958**
Gene Symbol **LEG3**

Other Names

IgE-binding protein, MAC2, L-29, CPB-35, 35 kDa lectin, Carbohydrate-binding protein 35, Galactose-specific lectin 3, Galactoside-binding protein, IgE-binding protein, L-31, Laminin-binding protein, Lectin L-29, Mac-2 antigen

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Results **250 µg/ml**

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized from 0.5X PBS, pH 7.2.

Galectin-3, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Galectin-3, human recombinant protein - Images

Galectin-3, human recombinant protein - Background

Lectins are carbohydrate binding proteins that interact with glycoprotein and glycolipids on the surface of animal cells. The Galectins are lectins that recognize and interact with β -galactoside moieties. Galectin-3 regulates a number of biological processes, including embryogenesis, inflammatory responses, cell progression and metastasis. Galectin-3 can function intraCellularly in controlling cell cycle and preventing T-cell apoptosis, and also extraCellularly, in activating various cells, including monocytes/macrophages, mast cells, neutrophils, and lymphocytes. Recombinant Galectin-3 is a globular 26.0 kDa protein containing 250 amino acid residues, but no disulfide bonds.

Galectin-3, human recombinant protein - References

Robertson M.W.,et al.Biochemistry 29:8093-8100(1990).
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Oda Y.,et al.Gene 99:279-283(1991).
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