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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 H_2O 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 Cytomety
- Cell Culture

Galectin-3, human recombinant protein - Images

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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. Galactin-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

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