

Recombinant Human Galectin-1
Catalog # PBG10124**Specification**

Recombinant Human Galectin-1 - Product Information**Recombinant Human Galectin-1 - Additional Information****Description**

Lectins, of either plant or animal origin, 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-1 is an animal lectin that has been shown to interact with CD3, CD4, and CD45. It induces apoptosis of activated T-cells and T-leukemia cell lines and inhibits the protein phosphatase activity of CD45. Recombinant human Galectin-1 is a 14.5 kDa protein containing 134 amino acid residues.

Biological Activity

Determined by its ability to chemoattract human blood monocytes. Chemotactic activity was observed at a concentration of 2.5 μ g/ml with a peak response obtained at 250 μ g/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ μ g of protein (<1EU/ μ g).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human Galectin-1 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human Galectin-1 - 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](#)

Recombinant Human Galectin-1 - Images