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32-20130: Recombinant Human Galectin-1(Discontinued)

Reactivity : Human, Mouse, Rat

Alternative Name : Galactose-specific lectin-1, Beta-galactoside-binding lectin L-14-I, Galaptin, 14 kDa lectin, S-LAC lectin-1

Description

Source:E.coli 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 Beta -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.

Product Info

Amount : 10 µg / 50 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : ACGLVASNLN LKPGECLRVR GEVAPDAKSF VLNLGKDSNN LCLHFNPRFN AHGDANTIVC NSKDGGAWGT EQREAVFPFQ PGSVAEVCIT FDQANLTVKL PDGYEFKFPN RLNLEAINYM AADGDFKIKC VAFD

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.