

Recombinant Human Lectin, Galactoside-Binding, Soluble, 4, His-tagged

Cat. No. LGALS4-5069H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Galectin-4 protein was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	Galectin-4 belongs to a subfamily of galectins composed of two carbohydrate recognition domains within the same peptide chain. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions, which inhibits chronic inflammations, GVHD, and allergic reactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer.
Concentration	1 mg/ml
Form	Supplied as a liquid in 20mM Tris-HCl buffer, pH 8.0, containing 10% glycerol, and 1mM DTT.
Purity	> 95% by SDS - PAGE
Sequence	1-323 amino acids: MGSSHHHHHH SSGLVPRGSH MAYVPAPGYQ PTYNPTLPYY QPIPGGLNVG MSVYIQGVAS EHMKRFFVNF VVGQDPGSDV AFHFNPRFDG WDKVVFNTLQ GGKKGSEERK RSMPFKKGAA FELVFIVLAE HYKVVVNGNP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FYEYGHRLPL QMVTHLQVDG DLQLQSINFI GGQPLRPQGP PMMPYPGPG
HCHQQLNSLP TMEGPPTFNP PVPYF

Molecular Mass 38.1 kDa (343aa), confirmed by MALDI-TOF.

Applications SDS-PAGE

Storage Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or -70 deg C for long term storage. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name [LGALS4 lectin, galactoside-binding, soluble, 4 \[Homo sapiens \]](#)

Official Symbol LGALS4

Synonyms LGALS4; lectin, galactoside-binding, soluble, 4; GAL4; L36LBP; galectin-4; galectin 4; lactose-binding lectin 4; L-36 lactose-binding protein; Antigen NY-CO-27

Gene ID [3960](#)

mRNA Refseq [NM_006149](#)

Protein Refseq [NP_006140](#)

MIM [602518](#)

UniProt ID P56470

Chromosome Location 19q13.2

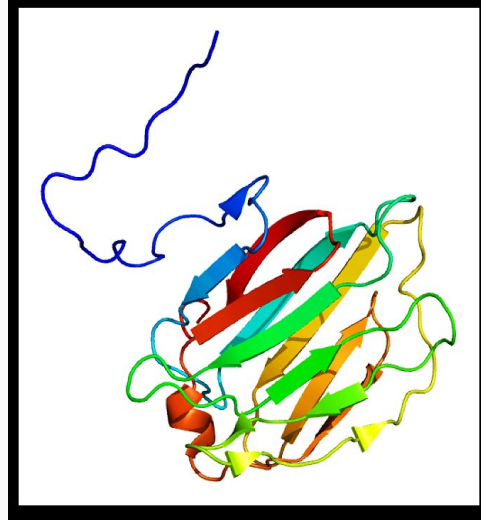
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Function protein binding; sugar binding

**PDB rendering
based on 1x50.**



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