

# Recombinant Rat Lectin, Galactoside-binding, Soluble, 8

**Cat. No.** Lgals8-2553R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Lectin, Galactoside-binding, Soluble, 8 is produced in Escherichia coli.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | Galectin-8 is a family member of animal lectins which selectively binds $\beta$ -galactoside residues. It is a widely expressed 34 kDa protein, which is secreted by many cell types. Galectin-8 is made of two homologous regions, each having a single carbohydrate recognition domain (CRD), linked by a short peptide. Galectin-8 acts as a physiological modulator of cell adhesion and cellular growth, and may be involved in neoplastic transformation. |
| <b>Form</b>             | Buffered aqueous glycerol solution.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | -70°C. Shipped in dry ice.                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## GENE INFORMATION

|                  |                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b> | Lgals8 lectin, galactoside-binding, soluble, 8 [ <i>Rattus norvegicus</i> ]                                                                  |
| <b>Synonyms</b>  | Lgals8; lectin, galactoside-binding, soluble, 8; RL-30; 30 kDa S-type lectin; RL-30; gal-8; galectin-8; lectin, galactose binding, soluble 8 |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                            |                                   |
|----------------------------|-----------------------------------|
| <b>Gene ID</b>             | 116641                            |
| <b>mRNA Refseq</b>         | NM_053862                         |
| <b>Protein Refseq</b>      | NP_446314                         |
| <b>UniProt ID</b>          | Q62665                            |
| <b>Chromosome Location</b> | 17q12.1                           |
| <b>Pathway</b>             | ABC transporters                  |
| <b>Function</b>            | molecular function; sugar binding |

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