



# Recombinant Mouse Galectin-1 (Lgals1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP012882MO  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P16045  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | ACGLVASNL NLKPGECLKV RGEVASDAKS FVLNLGKDSN NLCLHFNPRF<br>NAHGDANTIV CNTKEDGTWG TEHREPAFPF QPGSITEVCI TFDQADLTIK<br>LPDGHEFKFP NRLNMEAINY MAADGDFKIK CVAFE   |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | Lgals1  |
| <b>Protein Names</b>     | Recommended name: Galectin-1 Short name= Gal-1 Alternative name(s): 14<br>kDa lectin Beta-galactoside-binding lectin L-14-I Galaptin Lactose-binding lectin<br>1 Lectin galactoside-binding soluble 1 S-Lac lectin 1  |
| <b>Expression Region</b> | 2-135   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | The galectins are a family of beta-galactoside-binding proteins implicated in<br>modulating cell-cell and cell-matrix interactions. This gene product may act as<br>an autocrine negative growth factor that regulates cell proliferation.  |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final<br>concentration of glycerol is 50%. Customers could use it as reference. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,<br>storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life<br>of lyophilized form is 12 months at -20°C/-80°C.  |