



Recombinant Mouse Galectin-1 (Lgals1)

| | |
|--------------------------|---|
| Product Code | CSB-YP012882MO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P16045 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | ACGLVASNL NLKPGECLKV RGEVASDAKS FVLNLGKDSN NLCLHFNPRF NAHGDANTIV CNTKEDGTWG TEHREPAFPF QPGSITEVCI TFDQADLTIK LPDGHEFKFP NRLNMEAINY MAADGDFKIK CVAFE |
| Source | Yeast |
| Target Names | Lgals1 |
| Protein Names | Recommended name: Galectin-1 Short name= Gal-1 Alternative name(s): 14 kDa lectin Beta-galactoside-binding lectin L-14-I Galaptin Lactose-binding lectin 1 Lectin galactoside-binding soluble 1 S-Lac lectin 1 |
| Expression Region | 2-135 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |