

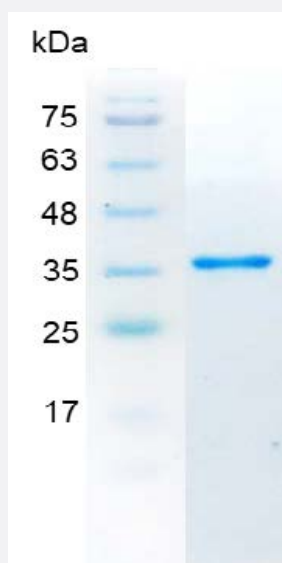
Bioactive

LGALS4 (Human) Recombinant Protein

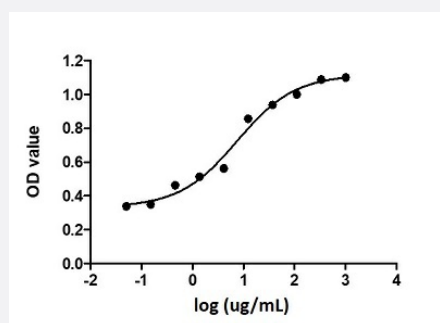
Catalog # P7833

Size 20 ug

Applications



SDS-PAGE analysis of LGALS4 (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description

Human LGALS4 recombinant protein with polyhistidine tag at the N-terminus expressed in *Escherichia coli*.

| | |
|--------------------------------|---|
| Sequence | AYVPAPGYQPTYNPTLPYYQPIPGGLNVGMSVYIQGVASEHMKRFFVNFVVGQDPGSDVAFHFNP RFDGWDKVVFNLTQGGKWGSEERKRSMFPKKGAAFELVFM LAEHYKVVVNGNPFYEYGHRLPL QMVTHLQVDGDLQLQSINFIGGQPLRPQGPPMMPYPGPGHCHQQLNSLPTMEGPPTFNPPVPY FGRLQGGLTARRTIIIKGYVPPTGKSFAINFKVGSSGDIALHINPRMGNGTVVRNSLLNGSWGSEEK KITHNPFPGPGQFFDLSIRCGLDRFKVYANGQHLLFDFAHRLSAFQRVDLTLEIQGDVTL SYVQI with po lyhistidine tag at the N-terminus. |
| Host | Escherichia coli |
| Form | Lyophilized |
| Preparation Method | <i>Escherichia coli</i> expression system |
| Purification | Ni-NTA chromatography |
| Purity | > 98% as determined by SDS-PAGE. |
| Endotoxin Level | < 0.1 EU/ ug of protein by the LAL method. |
| Activity | ED ₅₀ < 8 ug/mL, measured by the ability to agglutinate human red blood cells. |
| Quality Control Testing | SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of LGALS4 (Human) Recombinant Protein. |
| Recommend Usage | Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user. |
| Storage Buffer | Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL. |
| Storage Instruction | Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at -20°C to -80°C. Th is product is stable for one year. Avoid repeated freeze/thaw cycles. |
| Note | Result of activity analysis Result of activity analysis |

Applications

- Functional Study
- SDS-PAGE

Gene Info — LGALS4

| | |
|--------------------|---|
| Entrez GeneID | 3960 |
| Gene Name | LGALS4 |
| Gene Alias | GAL4, L36LBP |
| Gene Description | lectin, galactoside-binding, soluble, 4 |
| Omim ID | 602518 |
| Gene Ontology | Hyperlink |
| Gene Summary | The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. [provided by RefSeq] |
| Other Designations | L-36 lactose-binding protein galectin 4 galectin-4 lactose-binding lectin 4 |