

# Product datasheet for AR09268PU-L

## Galectin-1 (1-135) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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| Product Type:                            | Recombinant Proteins                                                                                                                                       |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description:                             | Galectin-1 (1-135) human recombinant protein, 0.5 mg                                                                                                       |
| Species:                                 | Human                                                                                                                                                      |
| Expression Host:                         | E. coli                                                                                                                                                    |
| Expression cDNA Clone<br>or AA Sequence: | MACGLVASNL NLKPGECLRV RGEVAPDAKS FVLNLGKDSN NLCLHFNPRF NAHGDANTIV<br>CNSKDGGAWG TEQREAVFPF QPGSVAEVCI TFDQANLTVK LPDGYEFKFP NRLNLEAINY<br>MAADGDFKIK CVAFD |
| Predicted MW:                            | 14.7 kDa                                                                                                                                                   |
| Concentration:                           | lot specific                                                                                                                                               |
| Purity:                                  | >90% by SDS - PAGE                                                                                                                                         |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl (pH 7.5) containing 10% glycerol                           |
| Endotoxin:                               | < 1.0 EU per 1 $\mu g$ of protein (determined by LAL method )                                                                                              |
| Preparation:                             | Liquid purified protein                                                                                                                                    |
| Protein Description:                     | Recombinant human Galectin-1 was expressed in E.coli and purified by using conventional chromatography.                                                    |
| Storage:                                 | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.<br>Avoid repeated freezing and thawing.                        |
| Stability:                               | Shelf life: one year from despatch.                                                                                                                        |
| RefSeq:                                  | <u>NP 002296</u>                                                                                                                                           |
| Locus ID:                                | 3956                                                                                                                                                       |
| UniProt ID:                              | <u>P09382</u> , <u>A0A384MR27</u>                                                                                                                          |
| Cytogenetics:                            | 22q13.1                                                                                                                                                    |
| Synonyms:                                | GAL1; GBP                                                                                                                                                  |
|                                          |                                                                                                                                                            |



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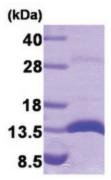
|  | Galectin-1 (1-135) Human Protein – AR09268PU-L |
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Summary:

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cellcell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

#### **Product images:**



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