

## Product datasheet for **TP723123**

### Galectin 1 (LGALS1) (NM\_002305) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Human lectin, galactoside-binding, soluble, 1 (LGALS1).  |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | ACGLVASNLN LKPGECLRVR GEVAPDAKSF VLNLGKDSNN LCLHFNPRFN AHGDANTIVC<br>NSKDGGAWGT EQREAVFPFQ PGSVAEVCIT FDQANLTVKL PDGYEFKFPN RLNLEAINYM<br>AADGDFKIKC VAFD                      |
| Tag:                                  | Tag Free   |
| Predicted MW:                         | 14.5 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2  |
| Bioactivity:                          | Determined by its ability to chemoattract human blood monocytes. Chemotactic activity was observed at a concentration of 2.5 ug/ml with a peak response obtained at 250 ug/ml. |
| Endotoxin:                            | Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)  |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for at least 6 months from date of receipt under proper storage and handling conditions.  |
| RefSeq:                               | <a href="#">NP_002296</a>  |
| Locus ID:                             | 3956   |
| UniProt ID:                           | <a href="#">P09382</a> , <a href="#">A0A384MR27</a>  |
| RefSeq Size:                          | 586  |
| Cytogenetics:                         | 22q13.1  |
| RefSeq ORF:                           | 405  |
| Synonyms:                             | GAL1; GBP  |



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**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

**Product images:**

