

## Product datasheet for **AR51313PU-N**

### Galectin-13 (1-139, His-tag) Human Protein

#### Product data:

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Galectin-13 (1-139, His-tag) human recombinant protein, 0.5 mg  |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | E. coli   |
| <b>Expression cDNA Clone or AA Sequence:</b> | MGSSHHHHHH SSGLVPRGSH MGSMSSLPVP YKLPVLSVG SCVIKGTPI HSFINDPQLQ VDFYTDMDDED SDIAFRFRVH FGNHVVMNRR EFGIWMLEET TDYVPFEDGK QFELCIYVHY NEYEIKVNGI RIYGFVHRIP PSFVKMVQVS RDISLTSVCV CN |
| <b>Tag:</b>                                  | His-tag   |
| <b>Predicted MW:</b>                         | 18.5 kDa  |
| <b>Concentration:</b>                        | lot specific  |
| <b>Purity:</b>                               | >95% by SDS - PAGE  |
| <b>Buffer:</b>                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT                     |
| <b>Preparation:</b>                          | Liquid purified protein   |
| <b>Protein Description:</b>                  | Recombinant human LGALS13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.                          |
| <b>Storage:</b>                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.   |
| <b>Stability:</b>                            | Shelf life: one year from despatch.   |
| <b>RefSeq:</b>                               | <a href="#">NP_037400</a>   |
| <b>Locus ID:</b>                             | 29124   |
| <b>UniProt ID:</b>                           | <a href="#">Q9UHV8</a>  |
| <b>Cytogenetics:</b>                         | 19q13.2   |
| <b>Synonyms:</b>                             | LGALS13, PLAC8, Galactoside-binding soluble lectin 13, EC=3.1.1.5, Placental tissue protein 13, Placenta protein 13, PP13, Galectin13   |



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**Summary:**

Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene has lysophospholipase activity. It is composed of two identical subunits which are held together by disulfide bonds. This protein has structural similarity to several members of the beta-galactoside-binding S-type lectin family. [provided by RefSeq, Jul 2008]

**Product images:**