

## Product datasheet for **AR50583PU-S**

### Lgals7 (1-136, His-tag) Mouse Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Lgals7 (1-136, His-tag) mouse protein, 0.1 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSATQHK TSLPQGVRVG TVMRIRGMVP DQAGRFHVNL LCGEEQGADA ALHFNPRLDT SEVVFNTKEQ GKWGREERGT GIPFERGQPF EVLLIATEEG FKAVVGDD EY LHFHHRMPPA RVRLVEVGGD VQLHSV KIF
Tag:	His-tag
Predicted MW:	17.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_032522</a>
Locus ID:	16858
UniProt ID:	<a href="#">Q9CRB1</a>
Cytogenetics:	7 B1
Synonyms:	Galectin-7; Pig1



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**Summary:**

Lgals7, also known as galectin7, is a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Members of this family have been implicated in a variety of functions, including growth regulation, cell adhesion, migration, neoplastic transformation, and immune responses. It is expressed mainly in stratified squamous epithelium. Lgals7 protein is activated by p53 and repressed by retinoic acid. It is a pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release. Recombinant mouse Lgals7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

**Product images:**