

AR09926PU-N**Human Galectin-7 (1-136, His-tag) - Purified**

Alternate names:	Gal-7, HKL-14, LGALS7, LGALS7B, PI7, PIG1, p53-induced gene 1 protein
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Galectin-7 (LGALS7) 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.
Uniprot ID:	P47929
NCBI:	NP_001035972
GeneID:	3963
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT
Description:	Recombinant human LGALS7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MSNVPHKSSL PEGIRPGTVL RIRGLVPPNA SRFHVNLLCG EEQGSDAALH FNPRLDTSEV VFNSKEQGSW GREERPGVP FQRGQPFVFL IIASDDGFKA VVGDAQYHHF RHRLPLARVR LVEVGGDVQL DSVRIF Molecular weight: 17.2 kDa (156aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Recombinant human LGALS7, 1-136 aa,
His-tagged

