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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:

MGSSHHHHHH SSGLVPRGSH MSNVPHKSSL PEGIRPGTVL RIRGLVPPNA SRFHVNLLCG EEQGSDAALH FNPRLDTSEV VFNSKEQGSW GREERGPGVP FQRGQPFEVL IIASDDGFKA

VVGDAQYHHF RHRLPLARVR LVEVGGDVQL DSVRIF

Molecular weight: 17.2 kDa (156aa), confirmed by MALDI-TOF

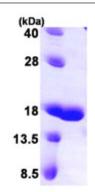
Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for

longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.







15% SDS-PAGE (3ug)

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

