

LGALS7, 1-136aa, Human, His tag, E.coli

Cat.NO.: TP02815

3th Edition

Synonyms:Galectin7, GAL7, LGALS7A

Description: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.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol,1mM DTT.

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMSNVPKSSLP EGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGS DAALHFNPRL
DTSEVVFNSKEQGSWGREERGPGVPFQRGQPFEVLIASDDGFKAVVGDAQYHHFRHRLPLARVRLVEVGGDVQ
LDSVRIF

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.