

Lgals7 recombinant protein

Lgals7, 1-136aa, Mouse, His tag, E Coli

CATALOG # AAA48732	HOST E Coli	APPLICATIONS SDS-Page
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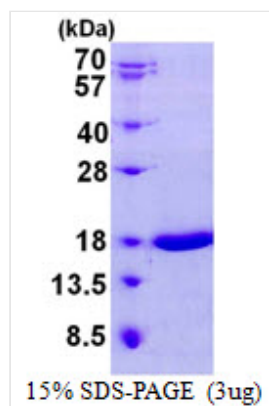
PRODUCT SYNONYMS

Lgals7; 1-136aa; Mouse; His tag; E Coli; Galectin-7; Pig1; Lgals7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 2mM DTT
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	1-136aa
Sequence	MGSSHHHHHH SSSLVPRGSH MGSMSTQHK TSLPQGVRVG TVMRIRGMVP DQAGRFHVNL LCGEEQGADA ALHFNPRLDLT SEVFNTKEQ GKWGREERGT GIPFERGQPF EVLLIATEEG FKAVVGDDEY LHFHHRMPPA RVRLVEVGGD VQLHSVKIF
Sequence Length	136
Applicable Applications for Lgals7 recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for Lgals7 recombinant protein	Lglas7, 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 Categories/Family for Lgals7 recombinant protein	Cancer
References	Magnaldo T., et al. (1995) Dev Biol. 168 (2):259-71. ; Magnaldo T., et al. (1998) Differentiation. 63 (3):159-68.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543120
NCBI GeneID	16858
NCBI Accession #	NP_032522
NCBI GenBank Nucleotide #	NM_008496.4
UniProt Accession #	Q9CRB1; O54974
Molecular Weight	17.6kDa (159aa) confirmed by MALDI-TOF
NCBI Official Full Name	galectin-7
NCBI Official Synonym Full Names	lectin, galactose binding, soluble 7
NCBI Official Symbol	Lgals7
NCBI Official Synonym Symbols	Pig1; Galectin-7
NCBI Protein Information	galectin-7
UniProt Protein Name	Galectin-7
UniProt Gene Name	Lgals7
UniProt Synonym Gene Names	Gal-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lgals7-recombinant-protein-e-coli-sds-page/48732>