

LGALS1 recombinant protein

LGALS1, 1-135aa, mouse, His tag, E Coli

CATALOG # AAA48767	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

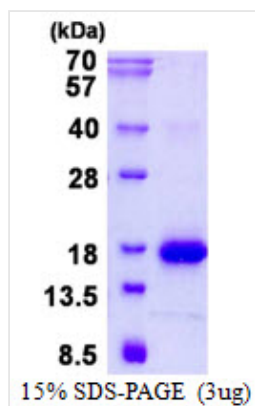
PRODUCT SYNONYMS

LGALS1; 1-135aa; mouse; His tag; E Coli; Galectin-1; AA410090; Gal-1; Galbp; galectin-1; L-14.5; L14; Lect14; LGALS1 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 0.15M NaCl, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSHTACGLV ASNLNLKPGE CLKVRGEVAS DAKSFVLNLG KDSNNLCLHF NPRFNAHGDA NTIVCNTKD GTWGTEHREP AFPFQPGSIT EVCITFDQAD LTIKLPDGHE FKFPNRLNME AINYMAADGD FKI KCVAFE
Sequence Length	135
Applicable Applications for LGALS1 recombinant protein	SDS-PAGE
Antigen Species	Mouse
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for LGALS1 recombinant protein	LGALS1 is a member of the beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This protein is an autocrine negative growth factor that regulates cell proliferation. It controls cell survival by inducing apoptosis of activated T cells and immature thymocytes, thus LGALS1 has immunosuppressive and anti-inflammatory properties. LGALS1 also regulates tumor angiogenesis and is a target for angiostatic cancer therapy. Recombinant mouse LGALS1 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques
Product Categories/Family for LGALS1 recombinant protein	Cell Cycle
References	Ilarregui JM., et al. (2009). Nat Immunol. 10 (9):981-91.; Gauthier L., Proc Natl Acad Sci u S A. 2002 Oct 1;99 (20):13014-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678682
NCBI GeneID	16852
NCBI Accession #	NP_032521
NCBI GenBank Nucleotide #	NM_008495.2
UniProt Accession #	P16045; P05163; P11946; P17601; Q4FZH4; Q99M27; Q9D0X0
Molecular Weight	17 kDa (159aa), confirmed by MALDI-TOF
NCBI Official Full Name	galectin-1
NCBI Official Synonym Full Names	lectin, galactose binding, soluble 1
NCBI Official Symbol	Lgals1
NCBI Official Synonym Symbols	L14; Gal-1; Galbp; L-14.5; Lect14; AA410090; galectin-1
NCBI Protein Information	galectin-1
UniProt Protein Name	Galectin-1
UniProt Gene Name	Lgals1
UniProt Synonym Gene Names	Gbp; Gal-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/lgals1-recombinant-protein-e-coli-sds-page/48767>