

Galectin-1 Recombinant Protein | LGALS1 recombinant protein

Recombinant Bovine Galectin-1 (LGALS1)

CATALOG #
AAA113910

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

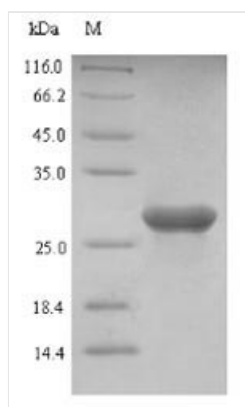
PRODUCT SYNONYMS

Galectin-1; Recombinant Bovine Galectin-1 (LGALS1); Bos taurus (Bovine); LGALS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-135aa; Full Length of Mature Protein
Sequence	ACGLVASNLN LKPGECRLVR GEVAADAKSF LLNLGKDDNN LCLHFNPRFN AHGDVNTIVC NSKDAGAWGA EQRESAFPQ PGSVVEVCIS FNQDTLTIKL PDGYEFKFPN RLNLEAINYL SAGGDFKIKC VAFE
Species	Bos taurus (Bovine)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for LGALS1 recombinant protein	Lectin that binds beta-galactoside and a wide array of complex carbohydrates (PubMed:1900835, PubMed:8108426, PubMed:7773775). Plays a role in regulating apoptosis, cell proliferation and cell differentiation. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis.
Product Categories/Family for LGALS1 recombinant protein	Cell Biology
References	"Soluble bovine galactose-binding lectin. cDNA cloning reveals the complete amino acid sequence and an antigenic relationship with the major encephalitogenic domain of myelin basic protein." Abbott W.M., Mellor A., Edwards Y., Feizi T. Biochem. J. 259:283-290(1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28461189
NCBI GeneID	326598
NCBI Accession #	NP_786976.1
NCBI GenBank Nucleotide #	NM_175782.1
UniProt Accession #	P11116; P11945; Q54A27
Molecular Weight	30.6 kDa
NCBI Official Full Name	galectin-1
NCBI Official Symbol	LGALS1
NCBI Protein Information	galectin-1
UniProt Protein Name	Galectin-1
UniProt Gene Name	LGALS1
UniProt Synonym Gene Names	Gal-1
UniProt Entry Name	LEG1_BOVIN

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://www.aaabiotech.com/lgals1-recombinant-protein-e-coli/113910>