

Galectin-9 Recombinant Protein | LGALS9 recombinant protein

Recombinant Human Galectin-9

CATALOG # AAA38739	HOST E Coli
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PRODUCT SYNONYMS

Galectin-9; Recombinant Human Galectin-9; LGALS9 Human; Galectin-9 Human Recombinant; Lectin galactoside-binding soluble 9; Urate transporter/channel protein; LGALS9A; MGC125973; HUAT; Ecalectin; MGC117375; MGC125974; HOM-HD-21; LGALS9; LGALS9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The LGALS9 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl and 20% glycerol. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMAF SGSQAPYLSP AVPFSGTIQG GLQDGLQITV NGTVLSSSGT RFAVNFQTGF SGNDIAHFHN PRFEDGGYVV CNTRQNGSWG PEERKTHMPF QKGMPFDLCF LVQSSDFKVM VNGILFVQYF HRVPFHRVDT ISVNGSVQLS YISFQ
Sequence Length	323
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for LGALS9 recombinant protein	Description: LGALS9 produced in E Coli is a single, non-glycosylated polypeptide chain containing 168 amino acids (1-148 a.a.) and having a molecular mass of 18.5 kDa. Galectin-9 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: LGLAS9 binds galactosides and has high affinity for the Forssman pentasaccharide. LGLAS9 participates in thymocyte-epithelial interactions relevant to the biology of the thymus and inhibits cell proliferation. LGLAS9 is a ligand for HAVCR2/TIM3. LGLAS9 induces T-helper type 1 lymphocyte (Th1) death. LGLAS9 performs as an eosinophil chemoattractant LGLAS9 is an S-type lectin which is over-expressed in Hodgkin's disease tissue and takes part in the interaction between the H&RS cells with their surrounding cells.
Product Categories/Family for LGALS9 recombinant protein	Cytokines and Growth Factors; Growth Factors; Galectin

NCBI AND UNIPROT INFORMATION

NCBI GI #	102469694
NCBI GeneID	3965
NCBI Accession #	NP_002299.2
NCBI GenBank Nucleotide #	NM_002308.3
UniProt Accession #	O00182; O14532; O75028; Q3B8N1; Q53FQ0; Q9NQ58; A7VJG6
Molecular Weight	35,888 Da

NCBI Official Full Name	galectin-9 isoform short
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 9
NCBI Official Symbol	LGALS9
NCBI Official Synonym Symbols	HUAT; LGALS9A
NCBI Protein Information	galectin-9; ecalectin; gal-9; galectin 9; tumor antigen HOM-HD-21; urate transporter/channel protein
UniProt Protein Name	Galectin-9
UniProt Gene Name	LGALS9
UniProt Synonym Gene Names	Gal-9
UniProt Entry Name	LEG9_HUMAN

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/lgals9-recombinant-protein-e-coli/38739>