

Galectin-9 Recombinant Protein | LGALS9 recombinant protein

Recombinant Human Galectin-9

CATALOG # AAA115243	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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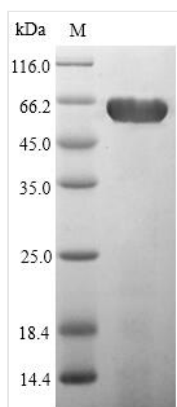
PRODUCT SYNONYMS

Galectin-9; Recombinant Human Galectin-9; Ecalectin; Tumor antigen HOM-HD-21; LGALS9 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	1-323aa; Full length of Isoform 2
Sequence	MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMPFD LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQPP GVWPANPAPI TQTVIHTVQS APGQMFSTPA IPPMMYPHPA YPMPFITTIL GGLYPSKSIL LSGTVLPSAQ RFHINLCSGN HIAFHLNPRF DENAVVRNTQ IDNSWGSEER SLPRKMPFVR GQSFSVWILC EAHCLKVAVD GQHLFEYYHR LRNLPTINRL EVGGDIQLTH VQT
Sequence Length	323
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-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 LGALS9 recombinant protein	Binds galactosides. Has high affinity for the Forssman pentasaccharide. May play a role in thymocyte-epithelial interactions relevant to the biology of the thymus. Inhibits cell proliferation. It is a ligand for HAVCR2/TIM3. Induces T-helper type 1 lymphocyte (Th1) death. Isoform Short acts as an eosinophil chemoattractant.
Product Categories/Family for LGALS9 recombinant protein	Neuroscience
References	Molecular definition of a novel human galectin which is immunogenic in patients with Hodgkin's disease.Tuereci O., Schmitt H., Fadle N., Pfreundschuh M., Sahin U.J. Biol. Chem. 272:6416-6422(1997) Human galectin-9 isoform full-length cDNA from gastric adenocarcinoma.Kato S. Human ecalectin, a variant of human galectin-9, is a novel eosinophil chemoattractant produced by T lymphocytes.Matsumoto R., Matsumoto H., Seki M., Hata M., Asano Y., Kanegasaki S., Stevens R.L., Hirashima M.J. Biol. Chem. 273:16976-16984(1998) Cloning and expression of human urate transporter mRNA.Nakajima H., Shichiri M., Hamaguchi T. Homo sapiens galectin-9 (LGALS9) / ecalectin gene, exon 2 through 11.Akiyama S.Genomic organization of the human galectin-9 gene.Graessler J., Spitzenberger F., Schroeder H.E.Suzuki Y., Sugano S., Totoki Y., Toyoda A., Takeda T., Sakaki Y., Tanaka A., Yokoyama S.

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; Q8WYQ7; Q9NQ58; A7VJG6; F8W9W4
Molecular Weight	37.7 kDa
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
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://www.aaabiotech.com/lgals9-recombinant-protein-e-coli/115243>