

Galectin9 Active Protein | LGALS9 active protein

Galectin9, 1-148aa, Human, His tag, E. coli (Bioactivity Validated)

CATALOG # AAA11784	HOST E Coli	APPLICATIONS SDS-Page
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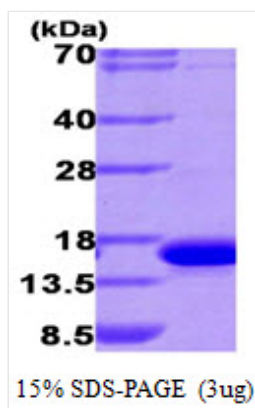
PRODUCT SYNONYMS

Galectin9; 1-148aa; Human; His tag; E. coli (Bioactivity Validated); LGALS9; Gal-9; Tumor antigen HOM-HD-21; Ecalectin; galectin 9; HOM HD 21; HOMHD21; HuAT; Lectin galactoside binding soluble 9; LGAL S9; LGALS 9; LGALS9A; MGC117375; MGC125973; MGC125974; urate transporter/channel protein; LGALS9 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMPFD LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQ
Sequence Length	355
Applicable Applications for LGALS9 active protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Biological Activity	The ED50 for this effect is equal or less than 2.5 ug/ml. Measured by its ability to agglutinate human red blood cells.
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 LGALS9 active protein	Galectin-9 (Gal-9) is a member of animal lectins that have an affinity to beta-galactosides and Forssman pentasaccharide. It is strongly overexpressed in Hodgkin's disease tissue and it might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its consistently associated immunodeficiency. Recombinant Galectin-9 protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for LGALS9 active protein	Adhesion & Movement
References	Tureci O, et al., (1997) J Biol Chem. 272 (10):6416-22.; Zhu C, et al., (2005) Nat Immunol. 6 (12):1245-52.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6806890
NCBI GeneID	3965
NCBI Accession #	NP_033665
NCBI GenBank Nucleotide #	NM_009587.2
UniProt Accession #	O00182; O14532; O75028; Q3B8N1; Q53FQ0; Q8WYQ7; Q9NQ58; A7VJG6; F8W9W4
Molecular Weight	18.5kDa (168aa), confirmed by MALDI-TOF.
NCBI Official Full Name	galectin-9 isoform long
NCBI Official Synonym Full Names	galectin 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

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/e-coli-active-protein/galectin9/11784>