

Galectin-9, human recombinant protein
LGALS9, Gal-9, Tumor antigen HOM-HD-21, Ecalectin.
Catalog # PBV10988r

Specification

Galectin-9, human recombinant protein - Product info

Primary Accession	O00182
Concentration	0.5
Calculated MW	18.5 kDa (168 aa, 1-148 aa + His Tag). KDa

Galectin-9, human recombinant protein - Additional Info

Gene ID	3965
Gene Symbol	LGALS9
Other Names	
LGALS9, Gal-9, Tumor antigen HOM-HD-21, Ecalectin.	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNQFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMFPD LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQ

Target/Specificity
Galectin-9

Format
Liquid

Storage
-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM NaCl and 20% glycerol.

Galectin-9, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

Galectin-9, human recombinant protein - Images

Galectin-9, human recombinant protein - Background

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.

Galectin-9, human recombinant protein - References

Tuereci O., et al. J. Biol. Chem. 272:6416-6422(1997).
Kato S., et al. Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Matsumoto R., et al. J. Biol. Chem. 273:16976-16984(1998).
Nakajima H., et al. Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.
Akiyama S., et al. Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases.