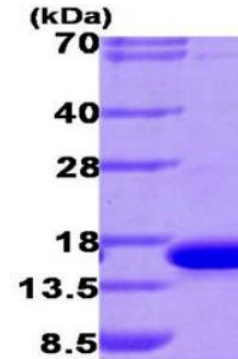


Galectin-9, Human Recombinant

CATALOG #:	7365-20	20 µg
	7365-50	50 µg
ALTERNATE NAMES:	LGALS9, Gal-9, Tumor antigen HOM-HD-21, Ecalectin, Galectin 9, Galectin-9	
SOURCE:	<i>E. coli</i>	
PURITY:	≥ 90% by SDS-PAGE	
FORM:	Liquid	
FORMULATION:	0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM NaCl and 20% glycerol.	
MOL. WEIGHT:	18.5 kDa (168 aa, 1-148 aa + His Tag).	



15% SDS-PAGE (3ug)

Galectin-9, human recombinant

STORAGE CONDITIONS: Can be stored at 4 °C for one week. For long term storage, aliquot and store at -20 °C or -80 °C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: 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.

AMINO ACID SEQUENCE: MGSSHHHHHH SGLVPRGSH MAFSGSQAPY
 LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF
 HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMPPD LCFLVQSSDF
 KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQ

BIOLOGICAL ACTIVITY: The ED₅₀ for this effect is equal to or less than 2.5 µg/ml. Measured by its ability to agglutinate human red blood cells.

RELATED PRODUCTS:

- Galectin-1, human recombinant (Cat. No. 4648-10, -50, -1000)
- Galectin-3, human recombinant (Cat. No. 4684-10, -50, -1000)
- Galectin-7, human recombinant (Cat. No. 4647-10, -50, -1000)
- Galectin-4, human recombinant (Cat. No. 7364-100)
- Galectin-1 Antibody (Cat. No. 3596-100)
- Galectin-3 Antibody (Cat. No. 3591-100)
- Galectin-3 Antibody (Cat. No. 5684-100)
- Galectin-7 Antibody (Cat. No. 5647-100)
- Galectin-9 Antibody (Cat. No. 3827-100)

FOR RESEARCH USE ONLY! Not to be used in humans.

