

LGALS8, mouse recombinant protein
Lectin, galactose binding, soluble 8
Catalog # PBV10989r**Specification****LGALS8, mouse recombinant protein - Product info**

Primary Accession	O9JL15
Concentration	0.5
Calculated MW	38 kDa (339 aa, 1-316 aa + His Tag). KDa

LGALS8, mouse recombinant protein - Additional Info

Gene ID	56048
Gene Symbol	Lgals8
Other Names	
Lectin, galactose binding, soluble 8	
Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLSLNNL QNIYNPIIP YVGTITEQLK PGSLIVIRGH VPKDSERFQV DFQLGNSLKP RADVAFHFNP RFKRSSCIVC NTLTQEKWGW EEITYDMPFR KEKSFEIVFM VLKNKFQVAV NGRHVLLYAH RISPEQIDTV GIYGKVNIHS IGFRFSSDLQ SMETSALGLT QINRENIQKP GKLQLSLPFE ARLNASMGP RTVVIKGEVN TNARSFNVDL VAGKTRDIAL HLNPRNLVKA FVRNSFLQDA WGEEERNITC PPFSSGMYFE MIIYCDVREF KVAINGVHSL EYKHRFKDLS SIDTLSVDGD IRLLDVRSW

Target/Specificity
LGALS8**Format**
Liquid**Storage**
-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 0.15 M NaCl and 20% glycerol.**LGALS8, mouse 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](#)

LGALS8, mouse recombinant protein - Images**LGALS8, mouse recombinant protein - Background**

LGALS8, also known as prostate-specific membrane antigen (PCTA1), is an additional prostate-specific antigen that is overexpressed only in malignant tumors and therefore is a more specific identifier of malignancies. It is a member of the galectin gene family which mediates both cell-cell and cell matrix interactions in a manner similar to the selectin subgroup of C-type lectins. Recombinant mouse LGALS8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

LGALS8, mouse recombinant protein - References

Maier C., et al. Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Carninci P., et al. Science 309:1559-1563(2005).