

Galectin-7, human recombinant protein**Galactein 7, Galectin7, Gal-7, HKL-14, PI7, p53-induced gene 1 protein****Catalog # PBV10342r****Specification**

Galectin-7, human recombinant protein - Product info

Primary Accession

[P47929](#)

Calculated MW

15.4 kDa KDa**Galectin-7, human recombinant protein - Additional Info**

Gene ID

3963

Gene Symbol

LGALS7**Other Names**

Galactein 7, Galectin7, Gal-7, HKL-14, PI7, p53-induced gene 1 protein

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

HPLC; ≥98%

Recombinant

Yes

Results

1-7 mg/ml.**Target/Specificity**

Galectin-7

Application NotesReconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers**Format**

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

Galectin-7, 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-7, human recombinant protein - Images

Galectin-7, human recombinant protein - Background

Galectin-7 belongs to growing family of evolutionary conserved animal lectins. Galectins consists of β -galactoside binding lectins that contain homologous carbohydrate recognition domains (CRDs). Galectin has the ability to induce apoptosis of activated T-cells and T-leukaemia cell lines. Other activities include cell differentiation and inhibition activity of CD45 protein phosphatase activity. Galectin also binds β -galactoside as well as CD45, CD3 and CD4. Recombinant Human Galectin-7 is a 15.4 kDa protein consisting of 136 amino acid residues

Galectin-7, human recombinant protein - References

Madsen P.,et al.J. Biol. Chem. 270:5823-5829(1995).
Magnaldo T.,et al.Dev. Biol. 168:259-271(1995).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Kuwabara I.,et al.J. Biol. Chem. 277:3487-3497(2002).