

LGALS8, human recombinant protein
Gal-8, PCTA1, Po66-CBP, Prostate carcinoma tumor antigen 1
Catalog # PBV10990r**Specification**

LGALS8, human recombinant protein - Product info

Primary Accession	O00214
Concentration	0.5
Calculated MW	37.9 kDa (337 aa, 1-317 aa + His Tag). KDa

LGALS8, human recombinant protein - Additional Info

Gene ID	3964
Gene Symbol	Lgals8
Other Names	
Gal-8, PCTA1, Po66-CBP, Prostate carcinoma tumor antigen 1	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MMLSLNNLQN IIYNPVIPIFV GTIPDQLDPG TLIVIRGHVP SDADRFQVDL QNGSSMKPRA DVAHFHNPFR KRAGCIVCNT LINEKWGREE ITYDTPFKRE KSFEIVIMVL KDKFQVAVNG KHTLLYGHRI GPEKIDTLGI YGKVNIHSIG FSFSSDLQST QASSLELTEI SRENVPKSGT PQLRLPFAAR LNTPMGPGRT VVVKGEVNAN AKSFNVDLLA GKSKDIALHL NPRLNIKAFV RNSFLQESWG EEERNITSFP FSPGMYFEMI IYCDVREFKV AVNGVHSLEY KHRFKELSSI DTLEINGDIH LLEVRWSW

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, 0.1 M NaCl and 10% glycerol.

LGALS8, 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](#)

LGALS8, human recombinant protein - Images

LGALS8, human 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 human LGALS8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

LGALS8, human recombinant protein - References

Su Z.-Z., et al. Proc. Natl. Acad. Sci. U.S.A. 93:7252-7257(1996).
Hadari Y.R., et al. Trends Glycosci. Glycotechnol. 9:103-112(1997).
Brichory F., et al. Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.
Maier C., et al. Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Gopalkrishnan R.V., et al. Oncogene 19:4405-4416(2000).