

Galectin-4, human recombinant protein
LGALS4, GAL4, L36LBP, Lactose-binding lectin 4.
Catalog # PBV10987r**Specification****Galectin-4, human recombinant protein - Product info**

Primary Accession	P56470
Concentration	1
Calculated MW	38.1 kDa (343 aa, 1-323 aa + His Tag). KDa

Galectin-4, human recombinant protein - Additional Info

Gene ID	3960
Gene Symbol	LGALS4
Other Names	
LGALS4, GAL4, L36LBP, Lactose-binding lectin 4.	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MAYVPAPGYQ PTYNPTLPYY QPIPGGLNVG MSVYIQGVAS EHMKRFFVNF VVGQDPGSDV AFHFNPRFDG WDKVVFNLTQ GKGWGSEERK RSMPPFKKGAA FELVFIVLAE HYKVVVNGNP FYEYGHRLPL QMVTHLQVDG DLQLQSINFI GGQPLRPQGP PMMPPYPGPG HCHQQLNSLP TMEGPPTFNP PVPYFGRLQG GLTARRTIII KGYVPPTGKS FAINFKVGSS GDIALHINPR MGNGTVVRNS LLNGSWGSEE KKITHNPFGP GQFFDLSIRC GLDRFKVYAN GQHLFDFAHR LSAFQRVDTL EIQGDVTL SY VQI

Target/Specificity

Galectin-4

Format

Liquid

Storage

-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT and 10% glycerol.

Galectin-4, 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-4, human recombinant protein - Images

Galectin-4, human recombinant protein - Background

Galectin-4 belongs to a subfamily of galectins composed of two carbohydrate recognition domains within the same peptide chain. The galectins are a family of beta-galactosidase-binding proteins implicated in modulating cell-cell and cell-matrix interactions, which inhibits chronic inflammations, GVHD, and allergic reactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is under expressed in colorectal cancer. Recombinant Galectin-4 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Galectin-4, human recombinant protein - References

Kato S.,et al.Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Rechreche H.,et al.Eur. J. Biochem. 248:225-230(1997).
Huflejt M.E.,et al.J. Biol. Chem. 272:14294-14303(1997).