

Galectin-3, mouse recombinant**Lectin, galactose binding, soluble 3, CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2****Catalog # PBV11525r****Specification**

Galectin-3, mouse recombinant - Product info

Primary Accession

[O8C253](#)

Calculated MW

29.8 kDa KDa**Galectin-3, mouse recombinant - Additional Info****Other Names**

CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2.

Gene Source

Mouse

Source

E. coli

Assay&Purity

SDS-PAGE;> 95%

Recombinant

Yes

Sequence

**MGSSHHHHHH SSGLVPRGSH MGSMADSFSL
NDALAGSGNP NPQGYPGAWG NQPGAGGYPG
AAYPGAYPGQ APPGAYPGQA PPGAYPGQAP
PSAYPGPTAPGAYPGPTAPG AYPGSTAPGA
FPGQPGAPGA YPSAPGGYPA AGPYGVPAGP
LTPYDLPLP GGVMRMLIT IMGTVKPNAN
RIVLDFRRGN DVAHFHFNPRFNENRRVIVC
NTKQDNNWGK EERQSAFPFE SGKPFKIQVL
VEADHFKVAV NDAHLLQYNH RMKNLREISQ
LGISGDITLT SANHAMI****Target/Specificity**

Lgals3

Format

Liquid

Storage

-20°C;In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol,1mM DTT, 2mM EDTA

Galectin-3, mouse recombinant - 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-3, mouse recombinant - Images

Galectin-3, mouse recombinant - Background

LGALS3, also known as galectin 3, is a member of the family of animal lectins, which selectively binds betagalactosidemresidues. This protein is secreted from cells by ectocytosis, which is independent of the classical secretory pathway through the endoplasmic reticulum/Golgi network. LGALS3 has been associated with the inhibition of apoptosis and the progression of cancer. It is normally distributed in epithelia of many organs, in various inflammatory cells, including macrophages, as well as dendritic cells and Kupffer cells. The expression of this lectin is up-regulated during inflammation, cell proliferation, cell differentiation and through trans-activation by viral proteins. Recombinant mouse LGALS3 protein, used to Histag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.