

Recombinant Mouse Galectin-9/LGALS9 Protein

Catalog No.: RP02002LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	16859	O08573

Tags

N-GST

Synonyms

Galectin-9; Lgals9; Gal-9

Product Information

Source	Purification
<i>E. coli</i>	> 90 % as determined by SDS-PAGE

Endotoxin


< 1.0 EU per µg of the protein as determined by the LAL method

Formulation

Supplied as a 0.2 µm filtered solution of 20mM PB, 1mM EDTA, 5mM p-ME, 5%Trehalose, 400mM NaCl, pH6.5Contact us for customized product form or formulation.

Reconstitution

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Background

Galectin-9 is a cytoplasmic protein that contains two galectin domains. Galectin-9 is an S-type lectin that is over-expressed in Hodgkin's disease tissue. Galectin-9 binds galactosides and has high affinity for the Forssman pentasaccharide. Galectin-9 plays a role in thymocyte-epithelial interactions relevant to the biology of the thymus and Inhibits cell proliferation. Galectin-9 is a ligand for HAVCR2/TIM3 and induces T-helper type 1 lymphocyte (Th1) death. In addition, Galectin-9 suppresses tumor cell metastasis by interfering with the associations CD44, VCAM-1, Integrin α4β1.

Basic Information

Description

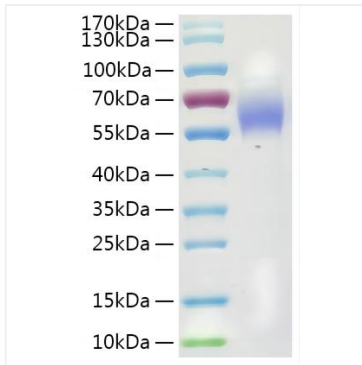
Recombinant Mouse Galectin-9 is produced by our E.coli expression system and the target gene encoding Met1-Thr322 is expressed with a GST tag at the N-terminus.

Bio-Activity

Storage

This product is stable at ≤ -70° C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse Galectin-9/LGALS9
Protein was determined by SDS-PAGE with
Coomassie Blue, showing a band at 60 kDa.