Recombinant Mouse Galectin-9/LGALS9 Protein

Catalog No.: RP02002LQ

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Sequence Information

Species
Mouse

Gene ID
16859

Swiss Prot
O08573

Tags
N-GST

Synonyms
Galectin-9; Lgals9; Gal-9

Product Information

Source
E. coli

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
62.8 kDa

Observed MW
58 kDa

Endotoxin
< 1 EU/μg of the protein by 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

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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

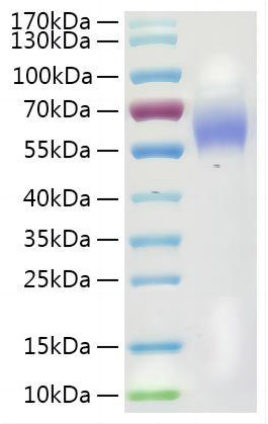
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Mouse Galectin-9/LGALS9 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.