Recombinant Mouse Galectin-9/LGALS9 Protein

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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
E. coli	≥ 90 % as determined by SDS-PAGE.

Calculated MW	Observed MW
62.8 kDa	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

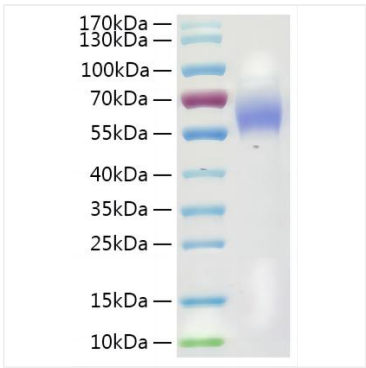## Background

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.

Bio-Activity

Storage
Store at -70℃. This product is stable at ≤ -70℃ 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.
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Contact

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* 本产品仅用于科学研究，不得用于临床诊断或治疗。

Validation Data

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