

## Product datasheet for **TP727606**

### Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Galectin-9 (N-GST)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Met1-Thr322
Tag:	N-GST
Buffer:	Supplied as a 0.2 um filtered solution of 20mMPB,1mMEDTA,5mMp-ME,5%Trehalose,400mMNacl,ph6.5.
Note:	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.
Stability:	12 months from date of despatch
Summary:	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 $\alpha 4 \beta 1$ .



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