

Product Datasheet

Mouse Galectin-9 protein (orb419960)

Description	Recombinant of mouse Galectin-9 protein
Endotoxins	Less than 0.1 ng/ug (1 EU/ug)
Preservatives	Supplied as a 0.2 µm filtered solution of 1M PBS, 15% glycerol,pH8.0.
Form/Appearance	Supplied as a 0.2 um filtered solution of 20mMPB,1mMEDTA,5mMp-ME,5%Trehalose,400mMNaCl,pH6.5.
Storage	Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Tag	N-GST
Note	For research use only
Application notes	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.
Protein Sequence	Met1-Thr322
Source	E.coli
Uniprot ID	008573
Expiration Date	6 months from date of receipt.