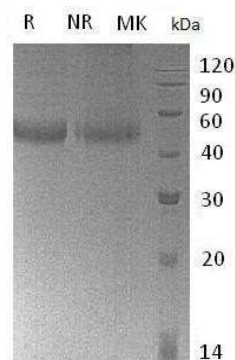


Recombinant Human Galectin 9

Catalog No: C808

Description	Recombinant Human Galectin 9 is produced by our Mammalian expression system and the target gene encoding Met1-Thr323 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Galectin-9; Gal-9; Ecalectin; Tumor Antigen HOM-HD-21; LGALS9
Accession No.	Q3B8N1-2
Predicted Molecular Weight	12.8KDa
Apparent Molecular Weight	13kDa, reducing conditions.
Quality Control	Purity: >95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg).
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS,5% Trehalose,1mM EDTA,pH7.4.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
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.

SDS-PAGE



R. Reducing sample
NR. Non-reducing sample