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Human Galectin-9/LGALS9 Recombinant Protein (85-202)

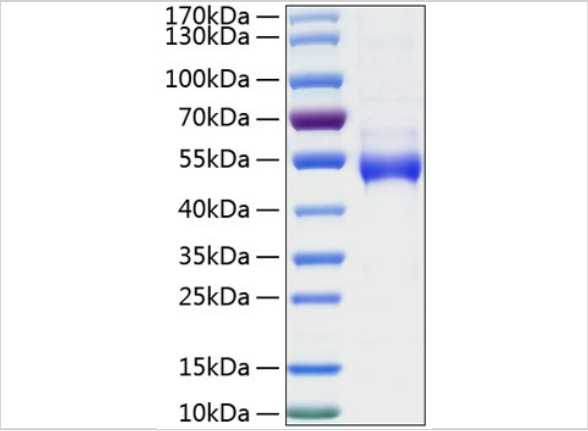
CATALOG NUMBER: 85-202

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	N-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	36.59 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Galectin-9 at 2 μg/mL can bind Recombinant Human TIM-3 with a linear range of 5-15 μg/mL. 2.Measured by the ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When 8×10^4 cells/well are added to LGALS9 coated plates (5 μg/mL and 100 μL/well) in the ppresence of 10μg/ml PHA, approximately 70-80% cells will adhere specifically after 60 minutes at 37°C.

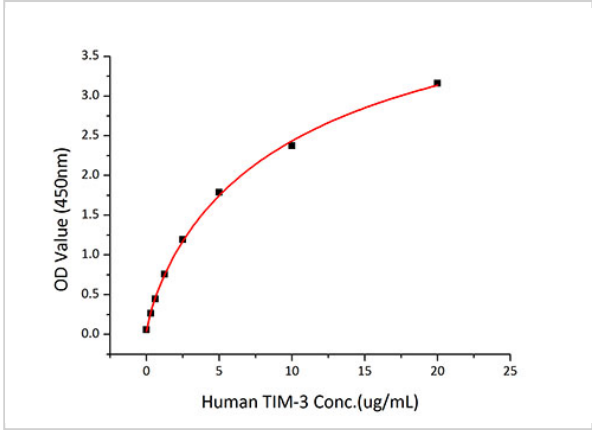
Properties

Purity	≥ 90 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of 50mM MOPS, 150mM NaCl, 1mM EDTA, 1mM DTT pH 7.4.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



85-202_1

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



85-202_2

Immobilized Recombinant Human Galectin 9 at 2μg/mL can bind Recombinant Human TIM-3 with a linear range of 5-15μg/mL.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.

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