Recombinant Human Galectin 9 (C-6His)

货号: RB91EPT189

gui_ge

50ug

biao_da_su_zhu

Human Cells

biao_qian

C-6His

fen_zi_liang

36.7 KDa

biao_guan_fen_zi_liang

49 KDa, reducing conditions

xing_tai

Lyophilized from a 0.2 μm filtered solution of 50mM MOPS, 150mM NaCl, 1mM DTT, 1mM EDTA, 5% Trehalose, pH 7.4.

chun_du

Greater than 95% as determined by reducing SDS-PAGE.

nei_du_su_shui_ping

Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.

huo_xing

Immobilized Human Galectin 9-His (Cat#C808) at 10μg/ml (100 μl/well) can bind Human TIM-3-His* (Cat#C356).*: Biotinylated by NHS-biotin prior to testing. The ED50 of Recombinant Human TIM-3-His (Cat#C356) is 8-40 ug/ml.

rong_jie_fang_fa

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
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.

chu_cun_fang_fa

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.

yun_shu_tiao_jian

The product is shipped at ambient temperature.
Upon receipt, store it immediately at the temperature listed below.

bei_jing_shuo_ming

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.

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