Recombinant Human CDH16 (C-6His)

货号: RB91EPT249

gui_ge

10ug

biao_da_su_zhu

Human Cells

biao_qian

C-6His

fen_zi_liang

84.4 KDa

biao_guan_fen_zi_liang

90-115 KDa, reducing conditions

xing_tai

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

chun_du

Greater than 75% 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.

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

Cadherin-16(CDH16) is a single-pass type I membrane protein which contains six cadherin domains. Mature cadherin proteins consist of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small highly conserved C-terminal cytoplasmic domain. Cadherins are calcium-dependent cell adhesion proteins and may contribute to the sorting of heterogeneous cell types. They preferentially interact with themselves in a homophilic manner in connecting cells. Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain. CDH16 is exclusively expressed in kidney, where the protein functions as the principal mediator of homotypic cellular recognition. It plays a role in the morphogenic direction of tissue development. CDH16 is composed of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain. However, it lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins.

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