

Recombinant Human CDH17/Cadherin 17 (His Tag)

产品信息

产品名称	产品编号	规格
Recombinant Human CDH17/Cadherin 17 (His Tag)	94138ES25	25 µg
	94138ES60	100 µg
	94138ES76	500 µg
	94138ES80	1 mg

产品描述

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. LI-cadherin may have a role in the morphological organization of liver and intestine. Involved in intestinal peptide transport. Liver-intestine cadherin (CDH17) has been known to function as a tumor stimulator and diagnostic marker for almost two decades. In vivo studies showed CDH17 knockout resulted in apoptotic PC tumor death through activating caspase-3 activity. Taken together, CDH17 functions as an oncogenic molecule critical to PC growth by regulating tumor apoptosis signaling pathways and CDH17 could be targeted to develop an anti-PC therapeutic approach.

产品性质

别名	Cadherin-17; BILL-cadherin; LI-cadherin; P130; Cdh17; CDH16; HPT-1; cadherin-16; FLJ26931; MGC138218; MGC142024
Uniprot No.	Q12864.1
表达区间及表达系统	Recombinant Human CDH17/Cadherin 17 Protein is expressed from HEK293 Cells with His tag at the C-terminal. It contains Gln23-Met787.
分子量	Approximately 86.1 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.
纯度	> 95% as determined by SDS-PAGE and HPLC.
活性	ELISA Data: Immobilized Human CDH17, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CDH17 Antibody, hFc Tag with the EC50 of 6.0ng/ml determined by ELISA.
内毒素	< 1.0 EU per 1µg of the protein by the LAL method.
制剂	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
复溶	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

运输与保存方法

冰袋运输。-20℃至-80℃保存，一年有效期。

复溶后，-20 至 -80℃，在未开封状态下保存 3-6 个月。复溶后，2-8℃ 保存 2-7 天。

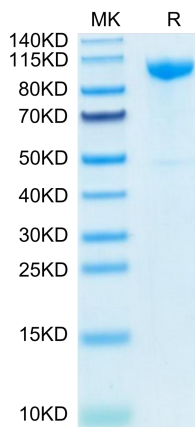
建议第一次使用时分装冻存，避免反复冻融。

注意事项

1. 避免反复冻融。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
3. 本产品仅作科研用途！

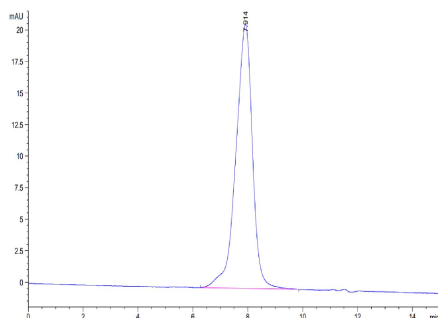
产品数据

Tris-Bis PAGE



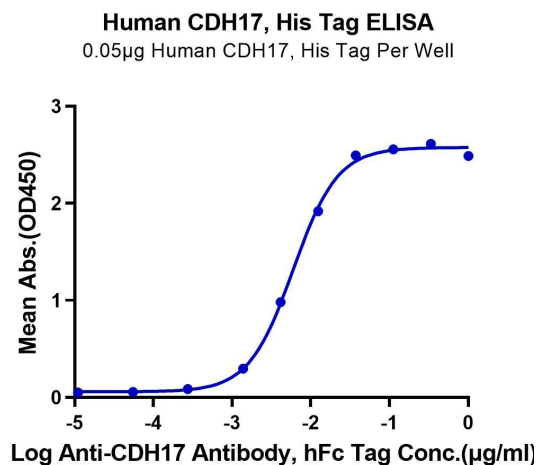
Human CDH17 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human CDH17 is greater than 95% as determined by SEC-HPLC.

ELISA Data



Immobilized Human CDH17, His Tag at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Anti-CDH17 Antibody, hFc Tag with the EC50 of 6.0ng/ml determined by ELISA.