

Cadherin-17 Protein, Human (215a.a, HEK293, His)

Cat. No.:	HY-P700971
Synonyms:	Cadherin-17; BILL-cadherin; LI-cadherin; P130; Cdh17; CDH16; HPT-1; cadherin-16;
Species:	Human
Source:	HEK293
Accession:	Q12864 (P30-P244)
Gene ID:	1015
Molecular Weight:	35-45 kDa

PROPERTIES

Biological Activity	Immobilized Human CDH17 Domain 1&2, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-CDH17 Antibody, hFc Tag with the EC ₅₀ of 11.4ng/ml determined by ELISA.
Appearance	Solution.
Formulation	Supplied as a 0.22µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Cadherin-17 protein, a calcium-dependent cell adhesion molecule, is involved in mediating cell-cell interactions. Through its preferential homophilic interaction with other cadherin molecules of the same type in connecting cells, Cadherin-17 contributes to the sorting and organization of heterogeneous cell types. Specifically, LI-cadherin, a subtype of Cadherin-17, may play a role in the morphological organization of the liver and intestine. Furthermore, Cadherin-17 is involved in facilitating intestinal peptide transport, highlighting its functional significance in cellular processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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