

Recombinant Human CDH17/LI-cadherin Protein

Catalog No.: RP00108

Sequence Information

Species **Gene ID**
Human 1015

Swiss Prot **Tags**
Q12864 C-His

Synonyms

CDH16, HPT-1, HPT1, CDH17, HPT-1, HPT1

Product Information

Source **Purification**
HEK293 cells ≥ 90 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
85.82 kDa 105-115 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

This protein is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants.

Basic Information

Description

Recombinant Human CDH17/LI-cadherin Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln23-Met787) of human Cadherin-17/LI-cadherin/CDH17 (Accession #NP_001138135.1) fused with a 6×His tag at the C-terminus.

Activity

Measured by its binding ability in a functional ELISA. Immobilized Human CDH17 (Catalog: RP00108) at 1 μg/mL (100 μL/well) can bind anti Human CDH17 antibody (Catalog: A5286) with a linear range of 0.01-4.9 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

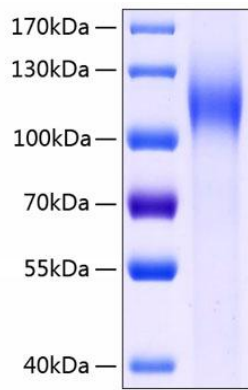
Contact

☎ | 400-999-6126

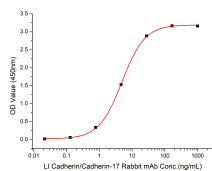
✉ | cn.market@abclonal.com.cn

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Validation Data



Recombinant Human CDH17/LI-cadherin Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Measured by its binding ability in a functional ELISA. Immobilized Human CDH17 (Catalog: RP00108) at 1 μ g/mL (100 μ L/well) can bind anti Human CDH17 antibody (Catalog: A5286) with a linear range of 0.01–4.9 ng/mL.