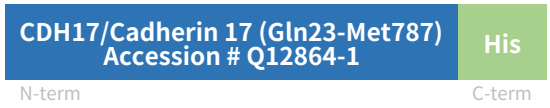
Rev02
Update: Aug,08,2025

**DATASHEET**

# CDH17/Cadherin 17, His, Human

**Cat. No.:** Z05155

## Product Introduction

| | |
|---|---|
| **Species** | Human |
| **Protein Construction** |  |
| **Purity** | > 95% as determined by BisTris PAGE<br>> 95% as determined by HPLC |
| **Endotoxin Level** | Less than 1EU per μg by the LAL method. |
| **Biological Activity** | Measured by its binding ability in a functional ELISA. Immobilized CDH17/Cadherin 17, His, Human at 1 μg/ml (100 μl/Well) on the plate can bind AntiCDH17 Antibody, hFc Tag. Test result was comparable to standard batch. |
| **Expression System** | HEK293 |
| **Theoretical Molecular Weight** | 86.1 kDa |
| **Apparent Molecular Weight** | Due to glycosylation, the protein migrates to 90-115 kDa based on Bis-Tris PAGE result. |
| **Formulation** | Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). |
| **Reconstitution** | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| **Storage & Stability** | Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles. |

## Background

**Target Background :** 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.

**Synonyms :** Cadherin-17; BILL-cadherin; LI-cadherin; P130; Cdh17; CDH16; HPT-1; cadherin-16; FLJ26931; MGC138218; MGC142024

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China