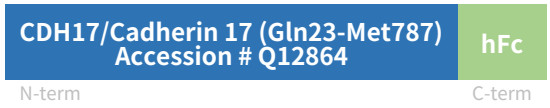
Rev02
Update: Aug,08,2025

DATASHEET

CDH17/Cadherin 17 hFc Chimera, Human

Cat. No.: Z05154

Product Introduction

Species	Human
Protein Construction	
Purity	> 95% as determined by BisTris PAGE > 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 hFc Chimera, Human at 0.5μg/ml (100μl/well) on the plate can bind Biotinylated AntiCDH17 Antibody, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	111.73 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 113-135 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm 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.

GenScript USA, Inc.
860 Centennial Ave. Piscataway, NJ 08854
Tel: 1-732-885-9188

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