

Rev04
 Update: Aug,20,2025

DATASHEET

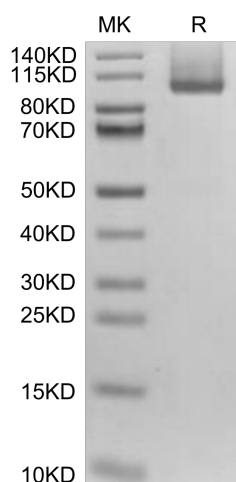
CDH17/Cadherin 17[Biotin], His, Mouse

Cat. No.: Z04653

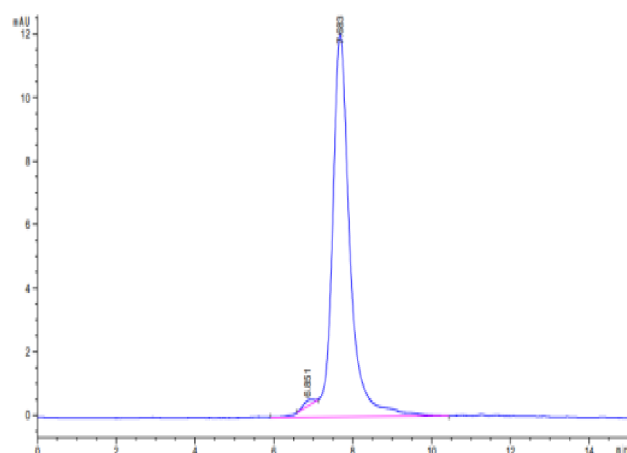
Product Introduction

Species	Mouse
Protein Construction	CDH17/Cadherin 17 (Phe26-Met786) Accession # Q9R100 His N-term C-term
Conjugate	Biotin
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	85.4 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 90-150 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 for 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.

Examples



CDH17/Cadherin 17[Biotin], His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of CDH17/Cadherin 17[Biotin], His, Mouse is greater than 95% as determined by SEC-HPLC.

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.

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