

Rev03
Update: Aug,08,2025**DATASHEET**

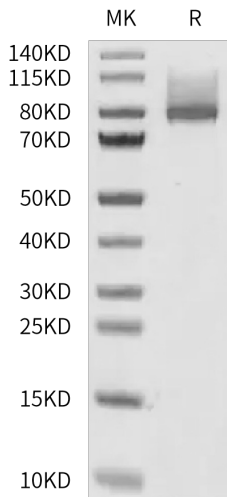
CDH6/Cadherin-6, His, Human

Cat. No.: Z05159

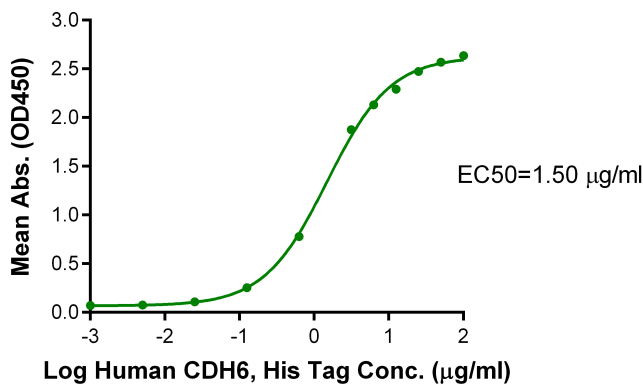
Product Introduction

Species	Human				
Protein Construction	<table><tr><td>CDH6/Cadherin 6 (Ser54-Ala615) Accession # P55285-1</td><td>His</td></tr><tr><td>N-term</td><td>C-term</td></tr></table>	CDH6/Cadherin 6 (Ser54-Ala615) Accession # P55285-1	His	N-term	C-term
CDH6/Cadherin 6 (Ser54-Ala615) Accession # P55285-1	His				
N-term	C-term				
Purity	> 95% as determined by Bis-Tris PAGE				
Endotoxin Level	Less than 1EU per µg by the LAL method.				
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized CDH6/Cadherin-6, His, Human at 5 µg/ml (100 µl/well) on the plate can bind AntiCDH6 Antibody, Rabbit IgG Tag. Test result was comparable to standard batch.				
Expression System	HEK293				
Theoretical Molecular Weight	63.62 kDa				
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 75-95 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.				

Examples



CDH6/Cadherin-6, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized Anti-CDH6 Antibody, hFc Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for CDH6/Cadherin-6, His, Human, His Tag with the EC₅₀ of 1.50 µg/ml determined by ELISA.

Background

Target Background : Cadherin 6 (CDH6) is an adhesion molecule localizing to the endometrial luminal epithelial cell surface in the mid-secretory/receptive phase and knockdown of CDH6 in the Ishikawa cells (receptive endometrial epithelial cell line) compromises cell integrity.

Synonyms : Cadherin-6; Cadherin6; K-cadherin; CDH6; CAD6; KCAD;

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