

Rev02
 Update: Aug,08,2025

DATASHEET

CDH6/Cadherin6, His, Human

Cat. No.: Z05160

Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> CDH6/Cadherin 6 (Thr19-Ala615)_x000D_ Accession # P55285-1 </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center; margin-left: 10px;"> His </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1 EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized AntiCDH6 antibody, hFc Tag at 5µg/ml (100µl/well) on the plate can bind CDH6/Cadherin6, His, Human. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	67.48 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.

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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