Human CDH6/Cadherin 6 Protein

Cat. No. CHD-HM106

Description

Source	Recombinant Human CDH6/Cadherin 6 Protein is expressed from HEK293 with His tag at the C-Terminus
	It contains Thr19-Ala615.
Accession	P55285-1
Molecular Weight	The protein has a predicted MW of 67.48 kDa. Due to glycosylation, the protein migrates to 75-95 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

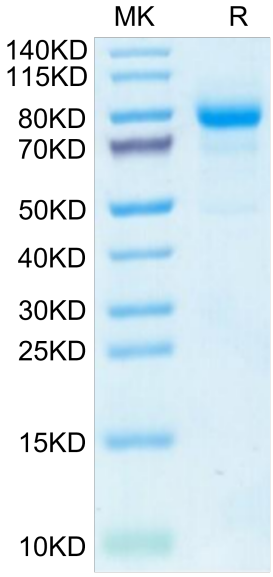
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

Bis-Tris PAGE



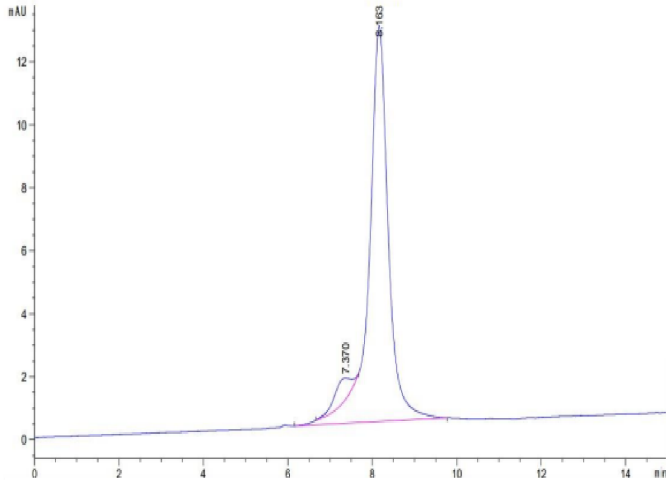
Human CDH6 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Human CDH6/Cadherin 6 Protein

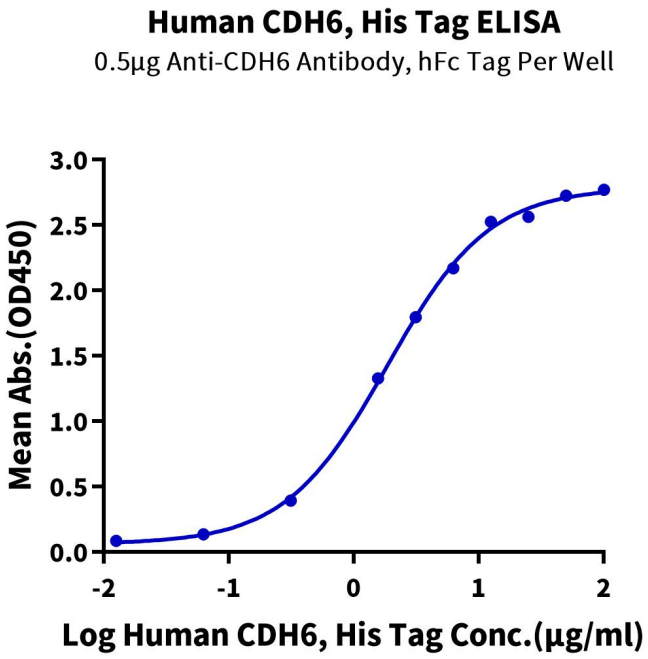
Cat. No. CHD-HM106

Assay Data



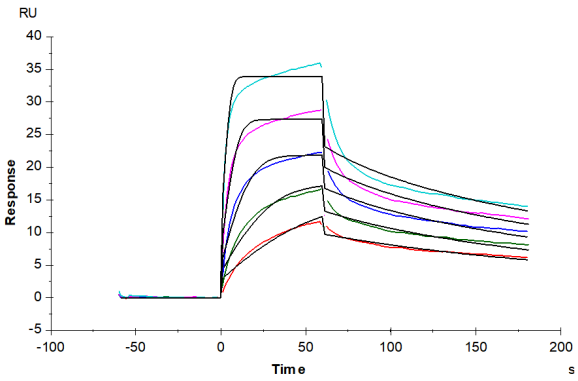
The purity of Human CDH6 is greater than 95% as determined by SEC-HPLC.

ELISA Data



Immobilized Anti-CDH6 antibody, hFc Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Human CDH6, His Tag with the EC50 of 1.85μg/ml determined by ELISA (QC Test).

SPR Data



Human CDH6, His Tag captured on CM5 Chip via Anti-His Antibody can bind Anti-CDH6 Antibody with an affinity constant of 1.41 nM as determined in SPR assay (Biacore T200).