

## Active Recombinant Human CDH10 protein, Fc-tagged

Cat. No. CDH10-41H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDH10(Glu23-Ala613) fused with Fc tag at C-terminal was expressed in CHO.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Glu23-Ala613
<b>Predicted N Terminal</b>	Glu23 & Gly55
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of BCE C/D-1b bovine corneal endothelial cells. The ED50 for this effect is typically 0.1-0.4 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Predicted Molecular Mass: 92.7 (monomer) kDa; SDS-PAGE: 100-120 kDa, reducing conditions.
<b>Endotoxin</b>	<0.01 EU per 1 mug of the protein by the LAL method.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution** Reconstitute at 100 µg/mL in PBS.

**Shipping** The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

## GENE INFORMATION

**Gene Name** CDH10 cadherin 10, type 2 (T2-cadherin) [ Homo sapiens ]

**Official Symbol** CDH10

**Synonyms** CDH10; cadherin 10, type 2 (T2-cadherin); cadherin-10; T2-cadherin;

**Gene ID** 1008

**mRNA Refseq** NM\_006727

**Protein Refseq** NP\_006718

**MIM** 604555

**UniProt ID** Q9Y6N8

**Chromosome Location** 5p14.2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Pathway**

Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;

**Function**

calcium ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA