

Active Recombinant Human CDH10 protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CDH10(Glu23-Ala613) fused with Fc tag at C-terminal was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Glu23-Ala613
Predicted N Terminal	Glu23 & Gly55
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Predicted Molecular Mass: 92.7 (monomer) kDa; SDS-PAGE: 100-120 kDa, reducing conditions.
Endotoxin	<0.01 EU per 1 mug of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain

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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

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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;

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