

## Recombinant Human Protocadherin-10/PCDH10 Protein (Fc Tag)

**Catalog Number:** PKSH032979

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

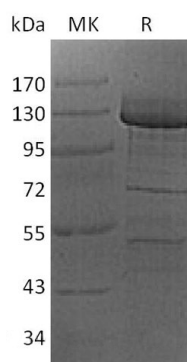
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human Protocadherin-10;PCDH10 protein Gln19-Thr715, with an C-terminal Fc
<b>Calculated MW</b>	102.4 kDa
<b>Observed MW</b>	125-165 kDa
<b>Accession</b>	Q9P2E7
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 75 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
	Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 75 % as determined by reducing SDS-PAGE.

### Background

Protocadherin-10 (PCDH10) is a single-pass type I membrane protein that contains six extracellular cadherin domains; one transmembrane domain and one cytoplasmic tail differing from those of the classical cadherins. As a potential calcium-dependent cell-adhesion neuronal receptor, it may play a role in the establishment and function of specific cell-cell connections in the brain. PCDH10 moderately expressed in all regions of the brain examined; as well as in testis and ovary; and low expression in all other tested tissues.

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017