

Recombinant Human Protocadherin-10/PCDH10 Protein (His Tag)

Catalog Number: PKSH032978

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

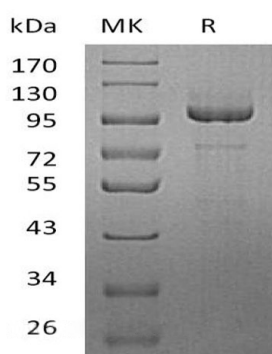
Description

Species	Human
Source	HEK293 Cells-derived Human Protocadherin-10;PCDH10 protein Gln19-Thr715(Leu405Pro), with an C-terminal His
Calculated MW	76.4 kDa
Observed MW	87 kDa
Accession	Q9P2E7
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 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.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % 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 plays 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