

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

Catalog No. PKSH032978

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

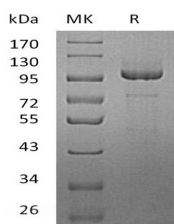
Description

Synonyms	Protocadherin-10;PCDH10;KIAA1400
Species	Human
Expression Host	HEK293 Cells
Sequence	Gln19-Thr715(Leu405Pro)
Accession	Q9P2E7
Calculated Molecular Weight	76.4 kDa
Observed molecular weight	87 kDa
Tag	C-His
Bioactivity	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

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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.