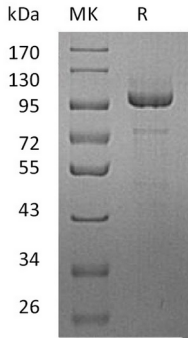
**Product Name: Recombinant Human PCDH10 (C-6His)**
**Catalog #: PHH1394**

## 概述（Summary）

| | |
|---|---|
| **英文全称** | Protocadherin-10 (Leu405Pro) |
| **纯度（Purity）** | Greater than 95% as determined by reducing SDS-PAGE |
| **内毒素（Endotoxin level）** | <1 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | Recombinant Human Protocadherin-10 is produced by our Mammalian expression system and the target gene encoding Gln19-Thr715 (Leu405Pro) is expressed with a 6His tag at the C-terminus. |
| **Accession #** | Q9P2E7 |
| **蛋白标签（Tag）** | |
| **表达宿主（Host）** | Human Cells |
| **种属（Species）** | Human |
| **预测分子量（Predicted MW）** | 76.38 KDa |
| **蛋白形态（Form）** | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| **储存缓冲液（Buffer）** | |
| **运输方式（Shipping）** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图（SDS-PAGE image）

**Product Name: Recombinant Human PCDH10 (C-6His)**
**Catalog #: PHH1394**




## 背景（Background）

| | |
|---|---|
| **分子别名（Alternative Names）** | Protocadherin-10; PCDH10; KIAA1400 |
| **背景介绍（References）** | 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. |

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.