

Datasheet for ABIN7491225

PCDH18 Protein (AA 28-697) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | PCDH18 |
| Protein Characteristics: | AA 28-697 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PCDH18 protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant human PCDH18 protein with C-terminal 6xHis tag |
| Specificity: | PCDH18 (Lys28-Asp697) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | PCDH18 |
| Alternative Name: | PCDH18 (PCDH18 Products) |
| Background: | This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. |

Target Details

This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 75.1 kDa after removal of the signal peptide. The apparent molecular mass of PCDH18-His is 100-130 kDa due to glycosylation.

UniProt: [Q9HCL0](#)

Application Details

Restrictions: For Research Use only

Handling

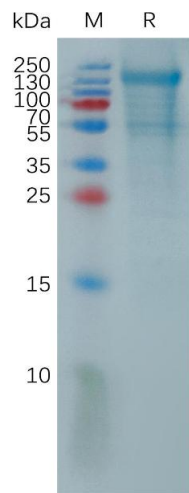
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human P Protein, His Tag on SDS-PAGE under reducing condition.