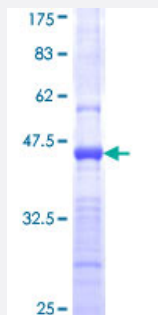


# PCDH10 (Human) Recombinant Protein (Q01)

Catalog # H00057575-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human PCDH10 partial ORF ( NP_065866, 18 a.a. - 127 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	SQLHYTVQEEQEHEGTFVGNAEDLGLDITKLSARGFQTPNSRTPYLDLNLETGVLVNEKIDREQICKQSPSCVLHLEVPLENPLELFQVEIEVLDINDNPPSFPEPDL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	37.84
<b>Interspecies Antigen Sequence</b>	Mouse (97)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — PCDH10

Entrez GeneID [57575](#)

GeneBank Accession# [NM\\_020815](#)

Protein Accession# [NP\\_065866](#)

Gene Name PCDH10

Gene Alias DKFZp761O2023, KIAA1400, MGC133344, OL-PCDH, PCDH19

Gene Description protocadherin 10

Omim ID [608286](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The mRNA encodes a cadherin-related neuronal receptor thought to play a role in the establishment and function of specific cell-cell connections in the brain. This family member contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Alternatively spliced transcripts encode isoforms with unique cytoplasmic domains. [provided by RefSeq]

**Other Designations** ortholog of OL-pcdh

## Disease

- [Tobacco Use Disorder](#)