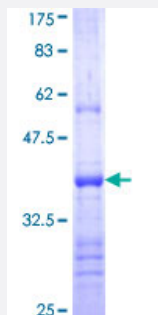


PCDH21 (Human) Recombinant Protein (Q01)

Catalog # H00092211-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PCDH21 partial ORF (NP_149091, 113 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GLNLVAEKVVILVTDANDEAPRFIQEPYVALVPEDIPAGSIIFKVHAVDRDTGSGGSVTYFLQNLHS PFAVDRHSGVLRRLQAGATLDYERSRTHYITVV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (84); Rat (83)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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 — PCDH21

Entrez GeneID [92211](#)

GeneBank Accession# [NM_033100](#)

Protein Accession# [NP_149091](#)

Gene Name PCDH21

Gene Alias DKFZp434A132, KIAA1775, PRCAD

Gene Description protocadherin 21

Omim ID [609502](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the cadherin superfamily of calcium-dependent cell-cell adhesion molecules. The encoded protein has a signal peptide, six cadherin repeat domains and a unique cytoplasmic region. This non-classical cadherin appears to be exclusively expressed in the mitral and tufted cells in the main and accessory olfactory bulbs of the brain, suggesting a possible role in the formation and maintenance of neuronal networks. [provided by RefSeq]

Other Designations MT-protocadherin|OTTHUMP00000019993

Disease

- [Alzheimer Disease](#)
- [Blindness](#)
- [Genetic Predisposition to Disease](#)

- [Retinal Degeneration](#)
- [Retinitis Pigmentosa](#)
- [Usher Syndromes](#)