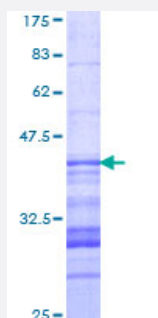


PCDH11X (Human) Recombinant Protein (Q01)

Catalog # H00027328-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PCDH11X partial ORF (NP_061850, 1228 a.a. - 1336 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AQASALCYSPPLAQAAAISHSSPLPQVIALHRSQAQSSVSLQQGWVQGADGLCSVDQGVQGSA TSQFYTMSERLHPSDDSIKVIPLTTFTPRQQARPSRGDSPIMEEHP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (81); Rat (81)
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 — PCDH11X

Entrez GeneID [27328](#)

GeneBank Accession# [NM_032969](#)

Protein Accession# [NP_061850](#)

Gene Name PCDH11X

Gene Alias PCDH-X, PCDH11, PCDHX, PCDHY

Gene Description protocadherin 11 X-linked

Omim ID [300246](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 7 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those of the classical cadherins. The gene is located in a major X/Y block of homology and its Y homolog, despite divergence leading to coding region changes, is the most closely related cadherin family member. The protein is thought to play a fundamental role in cell-cell recognition essential for the segmental development and function of the central nervous system. Transcripts arising from alternative splicing encode isoforms with variable cytoplasmic domains. [provided by RefSeq]

Other Designations OTTHUMP00000023640|OTTHUMP00000023641|OTTHUMP00000023643|protocadherin 11X|protocadherin X|protocadherin-S

Disease

- [Alzheimer disease](#)

- [Cognition](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)