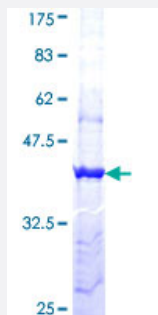


PCDH11Y (Human) Recombinant Protein (Q01)

Catalog # H00083259-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PCDH11Y partial ORF (NP_004733, 57 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EKNYTIREEIPENVLIGNLLKDLNLSLIPNKSLTTTMQFKLVYKTGDVPLIRIEEDTGEIFTTGARIDREK LCAGIPRDEHCFYEVEVAILPDEIFRLVKIRFLIEDIN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
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 — PCDH11Y

Entrez GeneID [83259](#)

GeneBank Accession# [NM_032973](#)

Protein Accession# [NP_004733](#)

Gene Name PCDH11Y

Gene Alias PCDH-PC, PCDH11X, PCDH22, PCDHY

Gene Description protocadherin 11 Y-linked

Omim ID [400022](#)

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 most closely related cadherin superfamily member is located in this homologous region on the X chromosome. 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 N- and C-terminal variation. [provided by RefSeq]

Other Designations OTTHUMP00000033077|protocadherin 11 X-linked|protocadherin 22|protocadherin Y