

## Product datasheet for **RC224130L3V**

### PCDHB6 (NM\_018939) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | PCDHB6 (NM_018939) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                      |
| Symbol:                   | PCDHB6                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms:                 | PCDH-BETA6                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag:                      | Myc-DDK                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ACCN:                     | NM_018939                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:                 | 2382 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC224130).                                                                                                                                                                                                                                                                                                                                                                                     |
| OTI Disclaimer:           | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a> |
| OTI Annotation:           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.                                                                                                                                                                                                                                                                                                               |
| RefSeq:                   | <a href="#">NM_018939.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RefSeq Size:              | 3030 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 2385 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 56130                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">Q9Y5E3</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 5q31.3                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Domains:                  | CA                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Protein Families:         | Transmembrane                                                                                                                                                                                                                                                                                                                                                                                                                                      |



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**MW:** 84.1 kDa

**Gene Summary:** This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. Unlike the alpha and gamma clusters, the transcripts from these genes do not share common 3' exons. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell neural connections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]