

Product datasheet for **RC201953L2V**

PGEA1 (CBY1) (NM_001002880) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PGEA1 (CBY1) (NM_001002880) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PGEA1 |
| Synonyms: | arb1; C22orf2; CBY; Chibby1; HS508I15A; PGEA1; PIGEA-14; PIGEA14 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_001002880 |
| ORF Size: | 378 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201953). |
| 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. More info |
| 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: | NM_001002880.1 |
| RefSeq Size: | 1287 bp |
| RefSeq ORF: | 381 bp |
| Locus ID: | 25776 |
| UniProt ID: | Q9Y3M2 |
| Cytogenetics: | 22q13.1 |
| Protein Families: | Transcription Factors |
| MW: | 14.5 kDa |



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Gene Summary:

Beta-catenin is a transcriptional activator and oncoprotein involved in the development of several cancers. The protein encoded by this gene interacts directly with the C-terminal region of beta-catenin, inhibiting oncogenic beta-catenin-mediated transcriptional activation by competing with transcription factors for binding to beta-catenin. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]