

Product datasheet for **RC201953L4V**

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:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
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]