

Product datasheet for RC220783L3V

OriGene Technologies, Inc.

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PGEA1 (CBY1) (NM_015373) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: PGEA1 (CBY1) (NM 015373) 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-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 015373

ORF Size: 378 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC220783).

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.

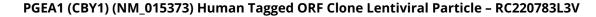
RefSeg: NM 015373.3, NP 056188.1

RefSeq Size: 1147 bp
RefSeq ORF: 381 bp
Locus ID: 25776
UniProt ID: Q9Y3M2
Cytogenetics: 22q13.1

Protein Families: Transcription Factors

MW: 14.3 kDa







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]