OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC204160L4V

Prostaglandin dehydrogenase 1 (HPGD) (NM_000860) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prostaglandin dehydrogenase 1 (HPGD) (NM_000860) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Prostaglandin dehydrogenase 1
Synonyms:	15-PGDH; PGDH; PGDH1; PHOAR1; SDR36C1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000860
ORF Size:	798 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204160).`
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_000860.3
RefSeq Size:	3044 bp
RefSeq ORF:	801 bp
Locus ID:	3248
UniProt ID:	P15428
Cytogenetics:	4q34.1
Domains:	adh_short

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Protein Families: Druggable Genome

MW: 29 kDa

Gene Summary: This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]