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 RC206636L1V

RDH12 (NM_152443) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RDH12 (NM_152443) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RDH12
Synonyms:	LCA13; RP53; SDR7C2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_152443
ORF Size:	948 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC206636).`
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_152443.1, NP_689656.1
RefSeq Size:	1934 bp
RefSeq ORF:	951 bp
Locus ID:	145226
UniProt ID:	Q96NR8
Cytogenetics:	14q24.1
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Retinol metabolism

View online »

MW: 35.1 kDa

Gene Summary: The protein encoded by this gene is an NADPH-dependent retinal reductase whose highest activity is toward 9-cis and all-trans-retinol. The encoded enzyme also plays a role in the metabolism of short-chain aldehydes but does not exhibit steroid dehydrogenase activity. Defects in this gene are a cause of Leber congenital amaurosis type 13 and Retinitis Pigmentosa 53. [provided by RefSeq, Sep 2015]