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 SC208582

RDH12 (NM_152443) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: RDH12 (NM_152443) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: RDH12

Synonyms: LCA13; RP53; SDR7C2

ACCN: NM_152443

Insert Size: 633 bp

Insert Sequence:

>SC208582 3'UTR clone of NM_152443
The sequence shown below is from the reference sequence of NM_152443. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGTGAGCTTCTAGGAATCCGGTGGGAGTAGCTGGTGGAAGAGCTGCAGCTTTATCAGGCCCAATCCATG
CCATAATGAACAGGGACCAAGGAGAAGGCCAACCCTAAAGGATTGTCCTCTTGGCCAGCTGGTGCTGCG
AATCCTGCCTGCTCTGATCCTCTTGACCCTTCTGGGAATGTTTGCACACCTGACACTCTTGTGAGACTG
GCTTATGGCATGAGTTGTGGACACCTATAGAGTGTTCTTCTCTAAGACCTGGAAAGTCAGCAACCCTCT
GGGGGCAGCAGGACTGGGCAGATCCCAGGCTGGGCATGGGGGTGGCAGAAGAGCCCGAGAAATTGGGTC
AGTTCCCTCATCAGCACCAGAGGCTCAGCTGAGGCAAGAAGAGCACCATCACTGCCTATTTCTAGGGGC
TATACACTCCAACTCTTGGTTGATCTCTTTCTTTTTAAAAATATTTGCCACCACCCTGGAGTCTAGACC
AACACACAAAGATCCTGGCTAACCCTGGCCTATTTAGATTCCTTCCTCTCACCTGGACCTTCCCATTTC
AATCATGCAGATGGTTTCTTTTTGTAAAGAGTTCCGTTTGCCTTTCAATTTTTAGAGAAAATAAAGACT
GCATTCATCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq:	NM_152443.3
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]
Locus ID:	145226
MW:	23.3