

Datasheet for ABIN5495796

Rat RDH2 ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	RDH2
Species:	Rat
Fusion tag:	Myc-DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Mammalian Vector with ORF clone of Rat retinol dehydrogenase 2 (Rdh2)
Brand:	TrueORF
Insert Length:	954 bp
Vector Backbone:	pCMV6-Entry
Promoter:	CMV Promoter
Bacterial Resistance:	Kanamycin
Expression Type:	Transient
Specificity:	Restriction Site: Sgfl-Mlul
Sequencing Primer:	VP1.5 (forward) 5'GGACTTTCCAAAATGTCTG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'
Grade:	End-sequenced
Components:	The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and shipped with 2 vector sequencing primers.

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Target Details

Gene:	RDH2
Background:	A short-chain dehydrogenase/reductase that catalyzes the conversion of retinol to retinal, the first step in retinoic acid synthesis [RGD, Feb 2006].
NCBI Accession:	NM_199208 , NP_954678

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	4 °C/-20 °C

Publications

Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)
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