

Product datasheet for **RC209034L4V**

DHODH (NM_001361) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DHODH (NM_001361) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DHODH
Synonyms:	DHOdehase; POADS; URA1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001361
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209034).
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_001361.3
RefSeq Size:	2438 bp
RefSeq ORF:	1188 bp
Locus ID:	1723
UniProt ID:	Q02127
Cytogenetics:	16q22.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Metabolic pathways, Pyrimidine metabolism



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MW: 42.9 kDa

Gene Summary: The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. [provided by RefSeq, Jul 2008]