

Product datasheet for **RC223298L4V**

ADHFE1 (NM_144650) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADHFE1 (NM_144650) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADHFE1
Synonyms:	ADH8; HMFT2263; HOT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144650
ORF Size:	1401 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223298).
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_144650.2
RefSeq Size:	1907 bp
RefSeq ORF:	1404 bp
Locus ID:	137872
UniProt ID:	Q8IWW8
Cytogenetics:	8q13.1
Domains:	Fe-ADH
MW:	50.8 kDa



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Gene Summary:

The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).[supplied by OMIM, Mar 2008]