

Product datasheet for **RC207125L4V**

HIBADH (NM_152740) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HIBADH (NM_152740) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HIBADH
Synonyms:	NS5ATP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152740
ORF Size:	1008 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207125).
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_152740.2
RefSeq Size:	2012 bp
RefSeq ORF:	1011 bp
Locus ID:	11112
UniProt ID:	P31937
Cytogenetics:	7p15.2
Domains:	NAD_binding_2
Protein Pathways:	Metabolic pathways, Valine, leucine and isoleucine degradation



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MW: 35.3 kDa

Gene Summary: This gene encodes a mitochondrial 3-hydroxyisobutyrate dehydrogenase enzyme. The encoded protein plays a critical role in the catabolism of L-valine by catalyzing the oxidation of 3-hydroxyisobutyrate to methylmalonate semialdehyde. [provided by RefSeq, Nov 2011]