

## Product datasheet for **RC210009L4V**

### HGD (NM\_000187) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HGD (NM_000187) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HGD
Synonyms:	AKU; HGO
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000187
ORF Size:	1335 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210009).
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. <a href="#">More info</a>
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:	<a href="#">NM_000187.2</a>
RefSeq Size:	2012 bp
RefSeq ORF:	1338 bp
Locus ID:	3081
UniProt ID:	<a href="#">Q93099</a>
Cytogenetics:	3q13.33
Domains:	HgmA
Protein Families:	Druggable Genome



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**Protein Pathways:** Metabolic pathways, Tyrosine metabolism

**MW:** 50 kDa

**Gene Summary:** This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.[provided by RefSeq, May 2010]