

Product datasheet for **RC217149L4V**

HIGD1A (NM_001099668) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HIGD1A (NM_001099668) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HIGD1A
Synonyms:	HIG1; RCF1a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001099668
ORF Size:	321 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217149).
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_001099668.1 , NP_001093138.1
RefSeq Size:	2952 bp
RefSeq ORF:	324 bp
Locus ID:	25994
UniProt ID:	Q9Y241
Cytogenetics:	3p22.1
Protein Families:	Transmembrane
MW:	11.6 kDa



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Gene Summary:

Proposed subunit of cytochrome c oxidase (COX, complex IV), which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water. May play a role in the assembly of respiratory supercomplexes.[UniProtKB/Swiss-Prot Function]