

Product datasheet for **RC208049L4V**

HIRA (NM_003325) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HIRA (NM_003325) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HIRA
Synonyms:	DGCR1; TUP1; TUPLE1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003325
ORF Size:	3051 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208049).
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_003325.3
RefSeq Size:	4013 bp
RefSeq ORF:	3054 bp
Locus ID:	7290
UniProt ID:	P54198
Cytogenetics:	22q11.21
Domains:	WD40
Protein Families:	Transcription Factors



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MW: 111.7 kDa

Gene Summary: This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development. [provided by RefSeq, Jul 2008]