

Product datasheet for **RC206117L4V**

PIWIL4 (NM_152431) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PIWIL4 (NM_152431) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIWIL4
Synonyms:	HIWI2; MIWI2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152431
ORF Size:	2556 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206117).
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_152431.1
RefSeq Size:	3214 bp
RefSeq ORF:	2559 bp
Locus ID:	143689
UniProt ID:	Q7Z3Z4
Cytogenetics:	11q21
Protein Pathways:	Dorso-ventral axis formation
MW:	96.6 kDa



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Gene Summary:

PIWIL4 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells (Sasaki et al., 2003 [PubMed 12906857]).[supplied by OMIM, Mar 2008]