

## Product datasheet for **SC205982**

### PIWIL4 (NM\_152431) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PIWIL4 (NM_152431) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PIWIL4
Synonyms:	HIWI2; MIWI2
ACCN:	NM_152431
Insert Size:	459 bp
Insert Sequence:	>SC205982 3'UTR clone of NM_152431

The sequence shown below is from the reference sequence of NM\_152431. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAATTAGCCAACCATCTCTTCTACCTGTGATGGCATGAACTACTGGCATCACTAGATGGACAATCCAAG
AAGAAATTGGTATACTTTGTGCAAATCTGCCATAAGCTCAAGGCTGTGACTGGGGAAAAAGATTGAGCT
TAGTTTTTCATGTCTAGGAAAAAAGCAAAACAACTTAATCTGAAACAGTTTTAAAAAATGTGTATT
TTGTTTTAAAGAGTTGTATGCTTGGGTAATTTTCATTGTCATATGTGGAATTTAAATATACCATCAT
CTACAAAGAATCCACAGAGTTAAATATCTTAAGTTAAACACTTAAAAATAAGTGTGCTGATATTTT
GATGACAGATAAACAGAGTCTAATCCACCCCAATTTTGTGAGGTTTTCTTAATGTTGTAGAGCAT
TTTGTAGAGTGGTTTAAATAGTTGAAAATAAAGTTCAGAACATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_152431.3</a></u>



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**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]

**Locus ID:** 143689

**MW:** 17.9