

Product datasheet for **SC201384**

ZIM2 (NM_001146327) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ZIM2 (NM_001146327) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ZIM2
Synonyms:	ZNF656
ACCN:	NM_001146327
Insert Size:	171 bp
Insert Sequence:	>SC201384 3'UTR clone of NM_001146327 The sequence shown below is from the reference sequence of NM_001146327. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGAAAAGTGTGAGTGGGATCACTGTGAGAAAACCTTTAGTCACAGCACACACTTTTCTCAACATTAT TGGCTTCCTCCTAGAGTGTGTGAGTGTGAGAAGGCCTTTCAGTACGCCCCACCTTGTTAACTTAACTTGAA CATTTCATCAAAGTGTGGTAAAAAAAAAAAAAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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:	NM_001146327.2



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Summary:

In human, ZIM2 and PEG3 (GeneID:5178) are two distinct genes that share a set of 5' exons and have a common promoter, and both genes are paternally expressed. Alternative splicing events connect the shared exons either with the remaining 4 exons unique to ZIM2, or with the remaining 2 exons unique to PEG3. This is in contrast to mouse and cow, where ZIM2 and PEG3 genes do not share exons in common, and the imprinting status of ZIM2 is also not conserved amongst mammals. Additional 5' alternatively spliced transcripts encoding the same protein have been found for the human ZIM2 gene. [provided by RefSeq, Oct 2010]

Locus ID:

23619

MW:

6.6