

Product datasheet for **SC216897**

Deleted in azoospermia 4 (DAZ4) (NM_020420) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Deleted in azoospermia 4 (DAZ4) (NM_020420) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DAZ4
Synonyms:	pDP1680; pDP1681
ACCN:	NM_020420
Insert Size:	1922 bp



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Insert Sequence: >SC216897 3'UTR clone of NM_020420
 The sequence shown below is from the reference sequence of NM_020420. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTGTCTGTTAATCCAGAGAAGAGACTGATAAAATTCGGTGTACTCAAGATGACTGCTTCAAGGGTA
AAAGAGTGCATCGCTTTAGAAGAAGTTTGGCAGTATTTAAATCTGTTGGATCCTCTCAGCTATCTAGTT
TCATGGGAAGTTGCTGGTTTTGAATATTAAGCTAAAAGTTTTCCACTATTACAGAAATCTGAATTTTG
GTAAATCACACTGAAACTTTCTGTATACTTGTATTATTAGACTCTAGTTTTATCTTAACACTGAAA
CTGTTCTTATTAGATGTTTATTAGAACCTGGTTCTGTGTTAATATATAGTTTAAAGTAACAAATAA
TCGAGACTGAAAGAATGTTAAGATTTATCTGCAAGGATTTTTAAAAAATTGAACTTGCATTTTAAGTG
TTTTAAAGCAAATACTGACTTTCAAAAAGTTTTTAAAACCTGATTTGAAAGCTAACAATTTTGATAGT
CTGAACACAAGCATTTCACCTTCCAAGAAGTACCTGTGAACAGTACAATATTTTCAGTATTGAGCTTTG
CATTTATGATTTATCTAGAAATTTACCTCAAAGCAGAATTTTTAAAACCTGCATTTTAAATCAGTGGAA
CTCAATGTATAGTTAGCTTTATTGAAGTCTTATCCAAACCCAGTAAAACAGATTCTAAGCAACAGTCC
AATCAGTGAGTCATAATGTTTATTCAAAGTATTTTATCTTTTATCTAGAATCCACATATGTATGCCAA
TTTGATTGGGATAGTAGTTAGGATAACTAAAATTCGGGCCTAATTTTTTAAAGAATCCAAGACAAACT
AACTTTACTGGGTATATAACCTTCTCAATGAGTTACCATTCTTTTTTATAAAAAAATTGTTCTTGA
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CTTGCTATAAATAGATTTTTTATTTTTGTTTTTTCAGCCTGTATATTTCTTCTGTAATAAATAATATGT
CCAGAAGAGGCATGTTGTTTCTAGATTAGGTAGTGCCTCATTATTTATATTGTGACCACACAGCTAGAGC
ACCAGAGCCCTTTTGCTATACTCACAGTCTTGTGTTTTCCAGCCTCTTTTACTAGTCTTTCAGGAGGTTT
GCTCTTAGAACTGGTGTATGTAAGAATGGAAGTAGCTGTATGAGCAGTTCAAAGGCCAAGCCGTGGAAAT
GGTAGCAATGGGATATAATACCTTTCTAAGGGAACATTTGTATCAGTATCATTGATCTGCCATGGAC
ATGTGTTTAAAGTGGCTTTCTGGCCCTTCTTCAATGGCTTCTTCCCTAAAACGTGGAGACTCTAAGTT
AATGTCGTTACTATGGCCATATTAATAATGCCCACTGGGGTCTATGATTTCTCAAATTTTCATTCCGG
AATCCGAAGGATACAGTCTTTAACTTTAGAATCCCAAGAAGGCTTTATTACACCTCAGAAATTGAAA
GCACCATGACTTTGTCCATTAATAAATATCCATAGTTTTTTTAGTGCTTTTAAACATTCCGACATACAT
CATTCTGTGATTAATCTCCAGATTTCTGTAATGATACCTACATTCTAAAGAGTTAATTCTAATTATT
CCGATATGACCTTAAGGAAAAGTAAAGGAATAAATTTTTGTCTTTGTTGAAGTATTTAATAGAGTAAGG
TAAAGAAGATATTAAGTCCCTTTCAAAATGGAAAATTAATTCTAAACTGAGAAAAATGTTCTACTACC
TATTGCTGATACTGTCTTTGCATAAATGAATAAAAAATAAATTTTTTCTTCAAATGTG
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_020420.4](#)

Summary:

This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells, particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene are found on chromosome Y within palindromic duplications; one pair of genes is part of the P2 palindrome and the second pair is part of the P1 palindrome. Each gene contains a 2.4 kb repeat including a 72-bp exon, called the DAZ repeat; the number of DAZ repeats is variable and there are several variations in the sequence of the DAZ repeat. Each copy of the gene also contains a 10.8 kb region that may be amplified; this region includes five exons that encode an RNA recognition motif (RRM) domain. This gene contains two copies of the 10.8 kb repeat. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Feb 2011]

Locus ID:

57135

MW:

74.8