

Product datasheet for **SC216877**

DAZ2 (NM_001005785) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DAZ2 (NM_001005785) Human 3' UTR Clone
Symbol:	DAZ2
Synonyms:	pDP1678
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001005785
Insert Size:	1922 bp



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Insert Sequence:	>SC216877 3'UTR clone of NM_001005785 The sequence shown below is from the reference sequence of NM_001005785. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CTTGCTCTGTTAATCCAGAGAAGAGACTGATAAAATTCGGTTGTTACTCAAGATGACTGCTTCAAGGGTA AAAGAGTGCATCGCTTTAGAAGAAGTTTGGCAGTATTTAAATCTGTTGGATCCTCTCAGCTATCTAGTT TCATGGGAAGTTGCTGGTTTTGAATATTAAGCTAAAAGTTTTCCACTATTACAGAAATTCGAATTTTG GTAAATCACACTGAAACTTTCTGTATACTTGATTATTAGACTCTAGTTTTATCTTAACACTGAAA CTGTTCTTCATTAGATGTTTATTAGAACCTGGTTCTGTGTTAATATAGTTTAAAGTAACAAATAA TCGAGACTGAAAGAAATGTTAAGATTTATCTGCAAGGATTTTTAAAAAATTGAACTTGCATTTTAAGTG TTTTAAAGCAAATACTGACTTTCAAAAAGTTTTTAAACCTGATTTGAAAGCTAACAATTTTGATAGT CTGAACACAAGCATTTCACTTCTCCAAGAAGTACCTGTGAACAGTACAATATTTTCAGTATTGAGCTTTG CATTTATGATTTATCTAGAAATTTACCTCAAAAGCAGAATTTTTTAAACTGCATTTTAAATCAGTGGAA CTCAATGTATAGTTAGCTTTATTGAAGTCTTATCCAAACCCAGTAAAACAGATTCTAAGCAACAGTCC AATCAGTGAGTCATAATGTTTATTCAAAGTATTTTATCTTTTATCTAGAATCCACATATGTATGTCCAA TTTGATTGGGATAGTAGTTAGGATAACTAAAATTTCTGGGCCTAATTTTTTAAAGAATCCAAGACAACT AACTTTACTGGGTATATAACCTTCTCAATGAGTTACCATTCTTTTTTATAAAAAAATTGTTCTTGA AATGCTAACTTAATGGCTGTATGTGAAATTTGCAAAATCTGGTATTAAGAAGCTGCAGCTTTTTT ATGTCACCTCAAAGGTTAATCGGAGTATCTGAAAGGAATTGTTTTTATAAAACATTGAAGTATTAGTTA CTTGCTATAAATAGATTTTTATTTTTGTTTTTTCAGCTGTATATTTCTTCTGTAATAAATATATGT CCAGAAGAGGCATGTTGTTTCTAGATTAGGTAGTGCCTCATTTTATATTGTGACCACACAGCTAGAGC ACCAGAGCCCTTTTGCTATACTCACAGTCTTGTTTTCCAGCCTCTTTTACTAGTCTTTCAGGAGGTTT GCTCTTAGAACTGGTGATGTAAAGAATGGAAGTAGCTGTATGAGCAGTTCAAAGGCCAAGCCGTGGAAT GGTAGCAATGGGATATAATACCTTTCTAAGGGAACATTTGTATCAGTATCATTTGATCTGCCATGGAC ATGTGTTTAAAGTGGCTTTCTGGCCCTTCTTCAATGGCTTCTCCCTAAACGTGGAGACTCTAAGTT AATGTCGTTACTATGGCCATATTACTAATGCCACTGGGGTCTATGATTTCTCAAAATTTTCATTCCG AATCCGAAGGATACAGTCTTTAACTTTAGAATCCCAAGAAGGCTTTATTACACCTCAGAAATTGAAA GCACCATGACTTTGTCCATTAATAAATATCCATAGTTTTTTTAGTGCTTTTAACATTCCGACATACAT CATTTCTGTGATTAAATCTCCAGATTTCTGTAAATGATACCTACATTCTAAAGAGTTAATTCTAATTATT CCGATATGACCTTAAGGAAAAGTAAAGGAATAAATTTTTGTCTTTGTTGAAGTATTTAATAGAGTAAGG TAAAGAAGATATTAAGTCCCTTTCAAAATGGAAAATTAATTCTAAACTGAGAAAAATGTTCTACTACC TATTGCTGATACTGTCTTTGCATAAATGAATAAAATAAACTTTTTTCTTCAAAATGTG ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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>NM_001005785.2</u>

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 one copy of the 10.8 kb repeat. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID:

57055

MW:

74.8