

Product datasheet for **SC214879**

DAZAP2 (NM_001136268) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DAZAP2 (NM_001136268) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DAZAP2
Synonyms:	PRTB
ACCN:	NM_001136268
Insert Size:	1505 bp



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Insert Sequence: >SC214879 3'UTR clone of NM_001136268
 The sequence shown below is from the reference sequence of NM_001136268. 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
GGTTCAGATGGTGGCTACACCATCTGGTAGGAACCAAGGCCACCTCTGTGCCGGGAAAGACATCACAT
ACCTTCAGCACTTCTCACAATGTAAGTCTTTAGTCATATTAACCTGAAGTTGCAGTTTLAGACACATGT
TGTTGGGGTGTCTTTCTGGTGCCCAAACCTTTCAGGCACCTTTTCAAATTTAATAAGGAACCATGTAATGG
TAGCAGTACCTCCCTAAAGCATTGAGGTAGGGGAGGTATCCATTCAAAAATGAATGTGGGTGAAGC
CGCCCTAAGGATTTCTTTAATTTCTCTGGAGTAATACTGTACCATACTGGTCTTTGCTTTTAGTAAT
AAAACATCAAATTAGGTTTGGAGGGAACCTTGATCTTCCCTAAGAATTAAGTTGCCAAATATTCTGAT
TGGTCTTTAATCTCCTTAAGTCTTTGATATATATTACTTGTATAAATGGAACGCATTAGTTGTCTGC
CTTTTCTTTCCATCCCTTGCCCAACCCATCCCATCTCCAACCTAGTCTCCATTTCTCCCGCCAGT
CTCCATTGAATCAATGGTGCAGGACAGAAAGCCAGTCAGACTAATTTCTTCTTTCTCGCACTTCTCC
CCACTCGTCATCTTTAACTAGTGTTCACAAGGATCCTCTGAAACCTCTCTGTGCCCAAGTACAGA
TGCCATTACTTCTGCTTCGTATCTCCTCAGGCAAAAGTGAGGGTGCCTTATGGGCCCTCCTCATAGG
TTGTCTCTGCATACACGAACCTAACCCAAATTTGCTTTGGTGCCAGAAAACTGAGCTATGTTTGAACA
AAGATGTCGTGCAAACTGACTGTGAACAACAGTTGGTTAAAATATGAGGGCAAGGAGGAGGATGCA
TTTTTGAAGCTTGATTGATGTGTTTCAGAGCTAAATTAAGAGGAGTTTTTCAGATCAAAAACCTGGTTACCA
TTTTTGTGAGAGTGTCTGATGCGGCCACTCATTGCGCTCCCCAGAATTCCTAGACTGGGTTAATAGGG
TCATATTGTGAATGTCTACTACAAAATGACTTGAGTCCAGTGAATCTCATTAGGGTTTAAAGAATATT
TCAGGGATCCTTAATGTTTTGATTTTTGTTTTCTGAAATTTGATTTTTATTTTATTTTATCTTATAATTT
CAGTTCATCTAAATGTGTGTTCTGTACATGTGATGTTTGACTGTACCATTGACTGTTATGGAAGTTCA
GCGTTGTATGTCTCTCTACACTGTGGTGCACCTAACTTGTGGAATTTTTATACTAAAAATGTAGAAT
AAAGACTATTTTGAAGATTTGAATAAAGTGATGAAGTTGCATTACACCTCACTGCAAGGATTCTTTACT
TAGCTTGTTTTAGATTTCTTCTATATATTTTTATTTATATCCCATCTAGAATTCAGCTAGGTGCTGC
TGCTGCTCTGTTTCTTTGATGACGCTTTGAAATAAAGGCAGGAGTACAAGCCTAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001136268.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_001136268.2)

Summary:

This gene encodes a proline-rich protein which interacts with the deleted in azoospermia (DAZ) and the deleted in azoospermia-like gene through the DAZ-like repeats. This protein also interacts with the transforming growth factor-beta signaling molecule SARA (Smad anchor for receptor activation), eukaryotic initiation factor 4G, and an E3 ubiquitinase that regulates its stability in splicing factor containing nuclear speckles. The encoded protein may function in various biological and pathological processes including spermatogenesis, cell signaling and transcription regulation, formation of stress granules during translation arrest, RNA splicing, and pathogenesis of multiple myeloma. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]

Locus ID:

9802

MW:

56.8