

Product datasheet for SC315212

FNDC3A (NM_014923) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FNDC3A (NM_014923) Human Untagged Clone
Tag:	Tag Free
Symbol:	FNDC3A
Synonyms:	bA203I16.1; bA203I16.5; FNDC3; HUGO
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_014923 edited

```

CTGTAAACGTGTACTACGCTGTTTCCTTGTGGATTTTCTTGTCTCTGCTGCTACTGTA
AAAACGAAATGAGTGGTCTGCTCAGGTTCCAATGATGTCCCAATGGTTCTGTGCCTC
CTATCTATGTGCCTCCTGGATATGCCCCACAGGTTATTGAAGACAATGGTGTTCGAAGAG
TTGTCGTGGTCCCTCAGGCACCAAGAGTTTCACCTGGTAGTCACACAGTTCTCCACCGTT
CTCCACATCCTCCTCTACCTGGTTTCATTCTGTCCCACTATGATGCCGCCTCCACCAC
GTCATATGTACTACCCGTGACTGGAGCTGGAGACATGACAACACAGTATATGCCACAGT
ATCAGTCTTCACAAGTCTATGGAGATGTAGATGCTCACTCTACACATGGAAGGTCCAAC
TTAGAGATGAACGATCTAGTAAACATATGAACGTTTGCAGAAAAAATTGAAGGATCGCC
AAGGAACACAGAAAGATAAAATGAGCAGTCCACCATCATCCCCAGAAATGCCCTTCTC
CCATTAATGAACATAATGGACTTATAAAAGGACAAATTGCTGGTGGTATAAACACAGGAT
CAGCAAAATCAAGTCTGGGAAGGGGAAAGGTGGTACACAAGTTGATACAGAAATTGAAG
AAAAAGATGAAGAACTAAAGCATTTGAAGCACTTCTTTCCAACATTGTCAAACCAAGTGG
CCTCCGACATCCAGGCAAGGACAGTAGTACTTACCTGGTCACCACCTTCCAGCCTCATT
ATGGTGAAACAGATGAAAGTAGTGTACCAGAGCTCTATGGTTATGAAGTTCTGATCTCAA
GTACTGGAAAAGATGGGAAATACAAAAGTGTATATGTAGGAGAAGAAACAAATATCACTT
TAAATGATCTCAAGCCAGCCATGGATTACCATGCAAAAGTCCAGGCAGAAATATAATTCTA
TAAAGGGAACCTCTCAGAGGCTGAAATCTTTACCACCTTGAGCTGTGAACCTGATATAC
CTAATCCACCAAGGATAGCCAATCGGACCAAAATTTCACTCACTTTGCAATGGAAGGCAC
TAGTGACAATGGTTCTAAAATCCAAAATTTGTATTAGAATGGGATGAAGGAAAAGGAA
ATGGAGAATTTTGTCAAGTGTACATGGGCTCACAGAAACAATTTAAATTAATAAATTTT
CACCAGCAATGGGCTGTAAATTCAGACTATCGGCCAGAAATGACTATGGTACAAGTGGTT
TTAGTGAAGAAGTCTTATATTACACCTCAGGCTGTGCTCCTTCTATGCCAGCAAGTCCTG
TATTAACCAAGGCTGGAATTACTTGGTTATCCTTACAATGGAGTAAGCCCTCAGGAACAC
CATCAGATGAAGGAATTTCTTACATTTTAGAGATGGAGGAAGAACTTCAGGATATGGTT
TTAAGCCTAAATATGATGGAGAAGATCTTGCTTACACAGTGAAAAATCTCAGACGTAGTA
CTAAGTATAAATTTAAGGTTATTGCTTACAACCTCAGAAGGTAAAAGTAATCCAAGTGAAG
  
```


[View online »](#)

TAGTAGAATTTACTACTTGCCCTGATAAACCAGGCATACCTGTAAAGCCTTCAGTGAAAG
 GAAAGATACATTCACACAGTTTTTAAATAACCTGGGATCCACCAAAAGACAATGGCGGAG
 CAACCATCAATAAATATGTAGTGGAGATGGCAGAAGGTTCTAACGGAAACAAATGGGAAA
 TGATATACAGTGGTGCTACCAGGGAACATCTTTGTGATCGACTGAATCCAGGCTGTTTCT
 ATCGTTTACGAGTTTACTGCATCAGTGATGGAGGACAGAGTGGGTCTCTGAATCTTTAC
 TTGTGCAGACTCCAGCTGTGCCTCCTGGCCCATGCCTCCCTCCCAGATTACAGGGTAGAC
 CCAAAGCAAAAGAAATACAGTTACGATGGGGACCCCTCTGGTTGATGGTGGATCACCCA
 TTTCTGTGTACAGTGTGGAAATGTCTCTATAGAAAAGATGAACCTAGAGAAAGTTTACC
 AAGGTTCTGAAGTAGAATGTACAGTGAGCAGCCTTCTTCTGGAAAGACATACAGCTTCA
 GACTACGTGCAGCTAACAAAATGGGGTTTGGACCATTTTCAGAAAAATGTGATATTACTA
 CAGCCCTGGGCCACCAGATCAGTGCAAGCCCCCTCAAGTGACATGTAGATCTGCAACTT
 GTGCACAAGTGAATTGGGAGGTTCTTTGAGTAATGGAACAGATGTCAGTGAATATCGAC
 TGGAGTGGGGAGGAGTTGAAGGAAGTATGCAGATATGTTACTGTGGGCTGGTCTCAGTT
 ATGAAATAAAAGGACTTTCACCAGCAACTACCTATTATTCAGGGTCCAGGCTCTGAGTG
 TTGTGGGTGCAGGCCCTTTCAGTGAAGTAGTAGCCTGTGTGACTCCACCATCAGTTCCTG
 GCATTGTGACCTGTCTTCAAGAAATAAGCGATGATGAGATAGAAAATCCCCATTATTCAC
 CTTCTACATGCCTTGCAATAAGCTGGGAAAAGCCTTGTGATCATGGTTCGGAAATCCTTG
 CCTACAGCATAGACTTTGGAGATAAACAAATCCCTAACAGTGGGAAAGGTTACAAGCTATA
 TTATCAACAATTTGCAACCAGATACAACATACAGAATACGAATTAAGCCTTGAATAGCC
 TTGGAGCTGGTCTTTCAGCCATATGATAAAATTAAGCTTCAAGCCTCTCCCTCTGATC
 CACCTCGTCTGGAATGTGTTGCCCTTAGCCACCAGAACCTTAAGCTGAAATGGGGAGAAG
 GAACTCCAAAGACATTGTCAACCGATTCTATTCACTACCACCTTCAGATGGAGGATAAGA
 ATGGACGGTTTGTATCCCTATACAGAGGACCATGTCATACATACAAAGTACAAAGACTTA
 ATGAGTCAACATCCTATAAATTCTGTATTCAAGCTTGAATGAAGCTGGGGAAGGTCCTCC
 TCTCCCAAGAATATATTTCACTACTCCAAATCTGTCCAGCTGCCTTGAAAGCCCCCA
 AAATAGAGAAAGTAAATGATCACATTTGTGAAATTACATGGGAGTGTTTACAGCCAATGA
 AAGGTGATCCAGTTATTTACAGTCTTCAAGTTATGTTGGGAAAAGATTGAGAATCAAAC
 AGATTTACAAGGGTCCCGACTCTTCTTCCGGTATTCAGCCTTCAGCTGAAGTGTGAAT
 ATCGCTTCCGTGTATGTGCCATTCGCCAGTGCCAAGACTCTCTGGGACACCAGGACCTCG
 TAGGTCCCTACAGCACCACAGTGCTCTTCATCTCTCAGAGGACTGAACCACCAGCCAGCA
 CCAACAGAGACTGTGGAAAGCACAAGGACCCGACGGGCACTGAGTGACGAGCAGTGTG
 CTGCCGTATCCTTGTGCTGTTTCTTTTCCATTTTGATTGCCTTTATCATTCACT
 ACTTTGTAATCAAGTGAAGTAACTTTATTTTAACTCTATTACATTTATTTTGTG
 ATGTACTAAAAATATTTCTGTATTGCTTTTATAAAAAACAGTGGCATTTAGCACTGGCAT
 TGAGACTATAGCACATCATTTTTGCCATTTTCAGTGCTTATATTGTTAGGTAGAGGCTGG
 CACTTTATTAGAATGCAAGCCACAAAAATCAATTTTGTTTTTTTTGTAGGGTGGGTC
 TTCTTTTTTTCTTCCCTCTCTTTTTTTTAACAAAATGCCTTCTTATAGAAAACTTTCT
 AAGAGGCAACAATTTAGAATGGATTTTTGACGAATCGGCATGAGTGTAACAGTGATAAC
 CTGATCTGTTTGTTTTAAAGATTATTACCAAGTGAAGAAATTCAGAATGAATAGAAATTA
 ACTAACATGCTATATAAAATGTTAAAGTCTGATGCTGTGAAAGCAATCTAGTGCTATATT
 TCTACCTCCTCATTTGTCTTAATTATTTGGTAAGTGGGATTATGATGAGTAACTGGAGGG
 GCTTAGAAACAAAACTGGATGAAAGAGTATGCATGAAGAAAAGCTTCTTTGATAAATGT
 GGAGTTCTTCATTATAAATATATATTGATGAATTCACAGATAAGTACTTAAAGAACAGAC
 AGTTTACTTGGCCTAAAAATATTTGATGTTTACTCAAAAAGTACCTCTTCAGGTCTTGA
 GAACATGGAAAAGAATTGAGTGCTTTTAAATACTTTTTAGAAAGTAATCATAAAAGTAAA
 TTGAATTTCAAACCTATTTGGCTTCTGTTTGTGAACCTTGAAGTATATGTATGTGAT
 AAGGGTATACACATACATATATGGCATATAACAAGTGTACACATATACACATAACAAGTG
 TAGAAGTATATATTACATACATACACTACTCTGTCTGGTATAGGCTAATTTTGAAGAAC
 TCCCATAGTTTCTGCTGCTTCTCCATAACTGCTGCCACCACCATCAGAATTCATAATC
 AAACCTAACCTTTTTGTTTGGGGACCAAAATCTGAAGACAAAATTAATTTGCACCAGTAA
 ACTTCAAGCTGCTTTCTTTCTTGAAAACTAAACGTTTAAACGTATAATGTCTGTTTGGATA
 CTGTTCCAAATGTTGATTGCATGTGGTAAATGTTGCATTAGAGCACTTTGCAATTGCAT

```
AATTCATTAATGTTTTGTGAGCTTGCATTTGTGAGTTATTGGATGATCAGACTGAATTTT
GTCAAGTATCACATTGTACATCTTGCTAGATGTCGATGACTGCAAGTAATAATACAGTT
TATAATGAAACTATCTACAATTCTGTTTTAGCACATCTGTTATCCGTAAACACCTGTA
ACTAGCTTTTTTAATTTATTATTTGAATTTAGGATAGCGAATCACTAATTTTTAGTTGC
TGAGGTTGGCATTTTAGTGATTATTAAGCACTTCTGTCAGTCTTTGAAAAAGAAGTAT
TTTTGTGCTTTGAAGATCTCTGAAGAATTTCTTTATAATAGAATGGGCATGTATTGTA
ACAGTTTTATGTCAAATGATCTGTGCTGTAGAAAAACATTAACCTTGTTCAAAAAGAA
ATGGATAAACTTGGCCTTTCTAAGTGGAAGAATGACCTGTCATAATACTACTGTATG
TTTACATTTTATTAAATTTAATCTCTTATGTATAGGGTGATAACCTTCCCCAGAAACAA
CAGTGATTGCGATTGTTTTCTAGAACTTCTTTAAAGTGCCACATTTGGCAGTACAAATG
AGTCTGAGTGTAATAGCCCAGAGATTTATATAGTTGAATGTCTAAAATGGTAAATGT
GCCACTGTGTCAAGTTACAGTGGCTTATGTTTTTCATAGTAATTCAAATGAACCTCCTAA
TTTTGATAGTAAATGTCATTTAATAGTATACTTGCCATTTGAGCCTCACTGCAAAATTAG
TGCAGAGGAGAAAAACAATTTTTAATGTAATCTTGATTTTACCTCATATACTGTACATTCC
AAAACTCTAAACTTTTTAAAGATTATAGATACACTACCAACATATCACCTTAAATTTG
TATAAGGCTGAATGAACCTTCATACAAATGAAAAAATCTCATAAAATACATAAACTATG
TAGCAAAAGTATCTGTAAATCCATGGAAAATAAAAGTTGATCATTCTTTTGAAGAAA
AAAAAAAAAAAAA
```

Restriction Sites:	NotI-NotI
ACCN:	NM_014923
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_014923.2</u> , <u>NP_055738.2</u>
RefSeq Size:	6162 bp
RefSeq ORF:	3405 bp
Locus ID:	22862
UniProt ID:	<u>Q9Y2H6</u>
Cytogenetics:	13q14.2
Domains:	FN3

Protein Families: Transmembrane

Gene Summary: Mediates spermatid-Sertoli adhesion during spermatogenesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.