

Product datasheet for SC318522

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318522 representing NM_014923. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAGTGGTCTGCTCAGGTTCCAATGATGTCCCCAAATGGTTCTGTGCCTCCTATCTATGTGCCTCCT
 GGATATGCCCCACAGGTTATTGAAGACAATGGTGTTCGAAGAGTTGTCGTGGTCCCTCAGGCACCAGAG
 TTTCACCTGGTAGTCACACAGTTCTCCACCGTTCTCCACATCCTCCTCTACCTGGTTTCATTCTGTGTC
 CCAACTATGATGCCGCTCCACCACGTCATATGTACTACCCGTGACTGGAGCTGGAGACATGACAACA
 CAGTATATGCCACAGTATCAGTCTTCAAGTCTATGGAGATGTAGATGCTCACTCTACACATGGAAGG
 TCCAACTTTAGAGATGAACGATCTAGTAAACATATGAACGTTTGCAGAAAAAATTGAAGGATCGCCAA
 GGAACACAGAAAGATAAAATGAGCAGTCCACCATCATCACCCAGAAATGCCCTTCTCCCATTAATGAA
 CATAATGGACTTATAAAAGGACAAATTGCTGGTGGTATAAACACAGGATCAGCAAAAAATCAAGTCTGGG
 AAGGGGAAAGGTGGTACACAAGTTGATACAGAAATTGAAGAAAAAGATGAAGAACTAAAGCATTGAA
 GCACCTCTTTCCAACATTGTCAAACAGTGGCCTCCGACATCCAGGCAAGGACAGTAGTACTTACCTGG
 TCACCACCTTCCAGCCTCATTAAATGGTGAACAGATGAAAGTAGTGTACCAGAGCTCTATGGTTATGAA
 GTTCTGATCTCAAGTACTGGAAGATGGGAAATACAAAAGTGTATGTAGGAGAAGAAACAAATATC
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 CCATCAGATGAAGGAATTTCTTACATTTTAGAGATGGAGGAAGAACTTCAGGATATGGTTTTAAGCCT
 AAATATGATGGAGAAGATCTTGCTTACACAGTAAAAATCTCAGACGTAGTACTAAGTATAAATTTAAG
 GTTATTGCTTACAACCTCAGAAGGTAAGTAATCCAAGTGAAGTAGTAGAATTTACTACTTGGCCTGAT


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AAACCAGGCATACCTGTAAGCCTTCAGTGAAAGGAAAGATACATTACACAGTTTTAAATAACCTGG
GATCCACCAAAAGACAATGGCGGAGCAACCATCAATAAATATGTAGTGGAGATGGCAGAAGGTTCTAAC
GGAAACAAATGGGAAATGATATACAGTGGTGTACACAGGGAACATCTTTGTGATCGACTGAATCCAGGC
TGTTTCTATCGTTTACGAGTTTACTGCATCAGTGATGGAGGACAGAGTGGGTCTCTGAATCTTTACTT
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CCTTGTGATCATGGTTCGAAATCCTTGCCTACAGCATAGACTTTGGAGATAACAATCCCTAACAGTG
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CCACCTCGTCTGGAATGTGTTCCTTTAGCCACCAGAACCTTAAGCTGAAATGGGAGAAGGAATCCA
AAGACATTGTCAACCGATTCTATTCAGTACCACCTTCAGATGGAGGATAAGAATGGACGGTTTGTATCC
CTATACAGAGGACCATGTATACATACAAAGTACAAAGACTTAATGAGTCAACATCTATAAATTCTGT
ATTCAAGCTTGTAAATGAAGCTGGGAAGTCCCCTCTCCCAAGATATATTTTCACTACTCCAAAATCT
GTCCCAGCTGCCTTGAAGCCCCCAAAATAGAGAAAGTAAATGATCACATTTGTGAAATTACATGGGAG
TGTTTACAGCCAATGAAAGGTGATCCAGTTATTTACAGTCTTCAAGTTATGTTGGGAAAAGATTCAGAA
TTCAAACAGATTTACAAGGGTCCCGACTCTTCCCTCCGGTATTCCAGCCTTCAGCTGAAGTGTGAATAT
CGCTTCCGTGTATGTGCCATTGCCAGTGCCAAGACTCTCTGGGACACCAGGACCTCGTAGGTCCCTAC
AGCACCAAGTGTCTTTCATCTCTCAGAGGACTGAACCACCAGCCAGCACCAACAGAGACTGTGGAA
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TTTTCCATTTTGATTGCCTTTATCATTCACTTTGTAATCAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

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Restriction Sites:	Sgfl-MluI
ACCN:	NM_014923
Insert Size:	3429 bp
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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: [NM_014923.4](#)

RefSeq Size: 5927 bp

RefSeq ORF: 3429 bp

Locus ID: 22862

UniProt ID: [Q9Y2H6](#)

Cytogenetics: 13q14.2

Domains: FN3

Protein Families: Transmembrane

MW: 125.8 kDa

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.