

Product datasheet for MC223931

Fndc3a (NM_207636) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fndc3a (NM_207636) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fndc3a
Synonyms:	1700094E19Rik; D14Ert453e; F730017H24Rik; Fndc3; sys
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223931 representing NM_207636 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGAACACCCGCCTTTGCTAGACACAGCTCAGATTTAAGTAGCGACATCTCTTCTGTCTGCC
CTATTGTAAGTGCAGATGGAACACAACAGTTATTCTGGTACAGGTTAATCCAGGGGAAGCCTTTACGAT
AAGAAGAGAAGATGGACAGTTTCAGTGCATTACAGGTCCTGCTCAGGTTCCAATGATGTCCCAAATGGT
TCCGTGCCTCCTATTTATGTGCCTCCTGGATATGCCCCACAGGTTATCGAAGACAATGGTGTTCGGAGAG
TCGTTGTGGTTCCGCAATCACCAGAATTCATCCTGGTGGCCACACAGTTATCCACCGCTCCCCACATCC
TCCTCTGCCTGGTTTCATTCTGTCCCAACCATGATGCCCTCCACCACGCCATATGTAICTACCAGTG
ACTGGAGCTGGCGACATGGCAACGCAGTATATGCCGAGTATCAGTCTTCACAAGTATATGCAGATGTAG
ATGCCACTCTACACACGGCAGGTCCAACCTCAGAGATGAAAGATCTAGTAAAACATATGAACGCTTGCA
GAAAAAATTAAGGATCGCCAAGGAACACAGAAAGATAAAATGAGCAGCCCCCACCATCACCAGCAAAA
TGCCCTTCTCCCATAAGTGAACACAATGGACTCATAAAAGGCGAGAACGCCAGTGGTGGGAACACAGGAT
CTGCAAGAAACAGATCGGGCGTGGGAGAAGTGTACACAAGTTGACCCGAAAATGGAAGAAAAAGATGA
AGAAACTAAAGCATTGGAAGCATTCTTTCCAACATTGTCAAGCCAGTGGCCTCAGACATTCAGGCAAGG
ACTGTCTGCTCACCTGGTCGCCACCATCCAGCTTCATTAACGGCGAAGTGAACGAGACAGCTGTACCAG
AGCTCTTCAATTATGAAGTCTGGTTTCCAGCACTGGGAAGGAAGGAAAACAGAAAGTGTATATAGG
AGAAGAAACAAGTGTCACTTTAAATGATCTCAAACAGCCACAGATTACCATGCAAAAGTACAGGCAGAG
TCCAATTCATCAAGGAATTCCTTCAGAAGCGGAAAGCTTTACGACCTAAGCTGTGAGCCTGATCCCC
CCAATGCACCAAGAATAGCCAACCGGACCAAAAATTCACCTCACCTGCAGTGGAAAGGCACCTAGTGACAA
TGTTCTAAAATCAAAGTTTTATTTAGAAATGGGATGAAGGAAAGGAAATGGAGAATTCTGTCAGTGT
TACATGGGCTCACAGAAGCAATTTAAAATACCAAACCTCACCAAGCAATGGGTTGTAATTTAGATTAT
CAGCCAAAATGACTATGGTGAAGTATTTAGTGAAGAGGTCCTGACTACACCTCAGGCTGTGCCCC
TTCTGTCCCCGCAAGTCTGTGTTGACCAAGGCTGGAGTACTTGGCTGTCCCTACAGTGGACTAAGCCC
TCAGGAACACCATCAGATGAAGGATTTCTTACATTTAGAGATGGAAGAGGAAACATCAGGCTATGGCT



TTAAGCCGAAATATGATGGAGAAGATCTTGCTTACACAGTGAAAAATCTGAGACGAAGTACAAAAGTATAA
 ATTTAAGGTCATTGCTTATAACTCAGAAGGTAAGCAATCCTAGCGAAGTGGTGGAAATTCAGTACCTGC
 CCTGATAAACCAGGAGTACCTGTGAAGCCTTCAGTTAAAGGGAAGATACACTCGCACGGCTTTAAAATTA
 CTTGGGATCCACCAAAAGACAATGGAGGGGCACCCATCAATAAGTACGTGGTGGAGATGGCAGAAGGTTCC
 TAATGGAACAAATGGGATATGATCTACAGTGGCACTACCAGGGAACATCTTTGTGACCGGCTGACTCCA
 GGCTGCTATTACCGCTTACGGGTTTACTGCATTAGTGACGGAGGGCAGAGTGCCTGCTCTGAATCTTTAC
 TAGTACAGACTCCAGCTGTGCCTCCTGGCCCATGCCTCCCTCCAGGTTACAGGGTAGACCCAAAGCAAA
 AGAAATACAGTTACGATGGGGACCTCCTCAGGTTGATGGTGGATACCCATTTCTGTTATGCAGTAGAA
 ATGACTCCTGCAGATAAAGATGAGCCCAGAGACGTTTACCAAGGTTCTGAAGTGGAGTGTACAGTGGGCA
 GCCTTCTCTGGAAAGACGTACAGCTTACAGCTTCGTGCAGCAAACAGAATAGGGTTTGGACATTTTC
 AGAAAAATACGATATCACTACAGCTCCTGGGCCACCAGACCAATGCAGACCCCTCAAGTACATGCAGA
 TCTGCACTTGTGCACAAGTGAATTGGGAGATTCTTTGAGTAATGGGACTGACGTCACTGAGTACCGGC
 TGGAATGGGGAGGAGTTGAAGGAAGTATGCAGATGTGTTACTGTGGCCCTGGCCTCAGTTGTGAATAAA
 AGGACTTTCACCAGCTACTACCTATTACTGCAGAGTCCAGGCTATGAGTGTGTAGGTGCAGGCTCTTTT
 AGTGAAGTTGTTGCTGTGTGACTCCACCGTCAGTTTCTGCCATTGTGACTTGTCTCAAGAAATAAGTG
 ATGATGATATAGAATACCCCATTACTACCCCTACCTGCCTTGAATAGCTGAAAAGAGCCTTATGA
 CCATGGCTCAGAAATCCTTGCTACAGCATAGACCTCGGAGATAAGCAGCCTTTGACAGTGGGAAAGATG
 ACAAGCTATATCAGACAGTTTGAACAGATACAACATACAGAATACGAATCAAGCCTTGAATAGCC
 TTGGAGCTGGGCCTTTCAGCCATACAATTAATAAAAACTAAGCCCTTCCCTGATCCACCTCGGCT
 GGAATGTGTTGCCTTAAACCACCAGAACCTAAGCTTAAGTGGGGAGAAGGAAGTCCAAAGACGTTGTCC
 ACAGATGCTGTTAGTACCACCTCAGATGGAAGATAGGAATGGAAGGTTGTCTCCCTGACAGAGGGC
 CTTGTATACATATAAAGTACAAAGGCTCAGTGAAGTCCACGTCCTACAAGTCTGCATTCAAGCTTGTA
 TGAAGCTGGGGAAGTCTCTCTCCCAAGAGTATGTTTTACCAGTCCAAAATCTTTCCAGCTGCCTTG
 AAAGCCCCAAAATAGAGAAAATAAATGATCACATTTGTGAAATACATGGGAATATTTACAGCCAATGA
 AGGGTGACCCAGTTATTTATAATCTTCAAGTTATGGTGGGAAAAGATTGAAATCAAGCAGATTTACAA
 GGGCCCTGATACTTATTCCGGTATTCCAGCCTTACAGTGAATTGTGAGTATCGATTTGAGTGTGTGCC
 ATTCGCCAATGCCAAGACCCTACAGGGCATCAGGACCTGGTAGGTCCTACAGCACCACAGTGTCTTCA
 TCTCCAGAGGACAGAACCAGCCGCCAGCAGCAACAAAGACAGTGTGGACAGTCCCGGACCCGGCGTAC
 TCTAAGTGACGAGCAGTGTGCTGCAGTCATCCTGGTGGTGTGCTTTTTCTCCATTCTGATTGCCTTT
 ATCATTCACTACTTTGTAATCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_207636

Insert Size:

3597 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).

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_207636.2](#), [NP_997519.2](#)

RefSeq Size: 6177 bp

RefSeq ORF: 3597 bp

Locus ID: 319448

UniProt ID: [Q8BX90](#)

Cytogenetics: 14 37.62 cM

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