

Product datasheet for **RN213585**

Fndc1 (NM_001038615) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fndc1 (NM_001038615) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fndc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213585 representing NM_001038615 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCCTGAAGGTCACATGGGACCCACCAAAGACGCTACCACTAGACCCGTGGAACATTACAACATTG
CCTATGGGAAGTCACTGAAAAGTCTTAAGTCCATCAAGGTGAATGCGGAGACACACTCCTTCCTTATTAA
AGACGTGGAAAAGGAAGTGCCCAACAAGCCCTTGCGTATGCGCGTCCGAGCCTCAGATGACAGGCTGTCT
GTTGCATGGAAGGCACCGTCTGTCTGGAGCCAAGAGCCACGGAGATCTCGGGGTTTTCTTCTGGGCT
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TATAGAGCTGCCCTCACAAAGCGCAAGAATGCAGAAGAGGATGAACTGGATGTACCTGAAGACATTAGTG
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TGTTGCATCAAGACAGTACACTGTGCGTACCCTGAGAAGGGGGAGTCGGCCAGGTGGGATTACAAGCAA
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AGCAACCTTCTTCTCTGCTCCCAAAGTGCAGCTTCTCACAACACACGCCCTCAGCAAAAATGTCAA
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GACAGGCTGGCCCTCACTGGACCCCATCCTCATCTAGGGTTGAACCTTCAGCTTCTTCTGCCTACC
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TAAAGCTGCCTCTTCCGGGTATCTCCCAAGAATCCAGGCAGGTCCAGGCCAACCTCTGCCCTAGCCGC
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 CCGCCGGACCAACCAACCCGCCGACCAACCAACCAAGGCGTCCACAACCAACCAAGGAGCTACTCGC
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 TCCAGAGCAGGGCACTGTCAGTCTTCCAGAGGAAGAATTTGACCTTGCCGGAAGAGGCGGTTTGT
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 CCTCAGTCTTATGTAGAAGCCCTCCCCACCATTAAGGCTACTATCGCCAGTACCGTCAGGAGCCCGTCA
 GCTTTGGACACATTGGATTTGGAACCCCTATTACTATGTGGGCTGGTACGAGTGTGGAGTCTCCATCCC
 AGGAAAGTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001038615

Insert Size: 5193 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_001038615.1, NP_001033704.1

RefSeq Size: 5193 bp

RefSeq ORF: 5193 bp

Locus ID: 308099

UniProt ID: Q2Q0I9

Cytogenetics: 1q11

Gene Summary: May be an activator of G protein signaling.[UniProtKB/Swiss-Prot Function]