

Product datasheet for MC211325

Cnfn (NM_001081375) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cnfn (NM_001081375) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cnfn
Synonyms: 2210418J09Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211325 representing NM_001081375
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCATATCCAGTGACTAGTCAGCCTCAGTGCGCCAACACCTGCTACCAGACACAGCTCAGCGATTGGC
ACACGGGCCTCACCGACTGTTGCAACGACATGCCCGTCTGTCTGTGCGGCACTTCGCCCCGCTGTGCCT
GGCCTGCCGATCTCCGATGACTTTGGGGAGTGCTGCTGTGCGCCCTACCTGCCCGAGGCTGCACTCT
CTGCGCACCGCATGAGGGAGCGCTACCACATCCAGGGCTCCGTCGGGCACGACTGGGCTGCCCTACCT
TTTGCCTGCCCTGCGCCCTCTGTGATGGCGCGGAAGTGAATAATCCGAGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001081375
Insert Size: 336 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).



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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_001081375.1](#), [NP_001074844.1](#)

RefSeq Size: 530 bp

RefSeq ORF: 336 bp

Locus ID: 72383

UniProt ID: [Q6PCW6](#)

Cytogenetics: 7 A3

Gene Summary: Part of the insoluble cornified cell envelope (CE) of stratified squamous epithelia. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an exon in the 5' coding region and uses a downstream start codon, compared to variant 1. It encodes isoform 2 which has a shorter N-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.