

# Product datasheet for MR213276

## Cnfn (NM\_028219) Mouse Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	Cnfn (NM_028219) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cnfn
Synonyms:	2210418J09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR213276 representing NM_028219 Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGTCATATCCAGTGACTAGTCAGCCTCAGTGCGCCAACACCTGCTACCAGACACAGCTCAGCGATTGGC ACACGGGCCTCACCGACTGTTGCAACGACATGCCCGTCTGTCT
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>
Chromatograms:	https://cdn.origene.com/chromatograms/mm9052_c10.zip
Restriction Sites:	Sgfl-Mlul



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### **Cloning Scheme:**



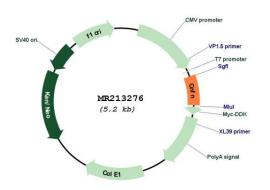
\* The last codon before the Stop codon of the ORF

ACCN:	NM_028219
ORF Size:	333 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>

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	Cnfn (NM_028219) Mouse Tagged ORF Clone – MR213276
RefSeq Size:	723 bp
RefSeq ORF:	375 bp
Locus ID:	72383
Cytogenetics:	7 A3
MW:	14.3 kDa
Gene Summary:	Part of the insoluble cornified cell envelope (CE) of stratified squamous epithelia. [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MR213276

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