

Product datasheet for **MC225900**

Mcf2 (NM_176808) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mcfd2 (NM_176808) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mcfd2
Synonyms: 1810021C21Rik; F5f8d; Lman1ip; Sdnsf
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225900 representing NM_176808
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAACCTACAGCTGCTCAGAGCTCCCTTGCTGTGTGTCCTGCTTTGGGTCTTTTGCTCCAGGTG
CCAGAGCCATGACCACGGGGCTGATGTCCATCATGGCAGCGTGGCCTGGATAAGAGCACAGTGCACGA
CCAAGAGCACATCATGGAACATCTGGAAGGTGTCATCGACCAGCCAGAGGCGGAGATGTCCACAGGAA
CTGCAGCTCCATTACTTCAAATGCATGATTACGACGGCAACAGTTTGCTTGACGGCCTAGAGCTCTCCA
TAGCCATCACTACGTGCACAAGGAGGAGGGGAGTGAGCAGGCGCCAGTCATGAGCGAGGATGAGCTCGT
CAGCATCATAGATGGTGTCTGAGGGACGATGACAAGAACAACGACGGCTACATCGACTACGCTGAGTTT
GCAAAGTCACTGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_176808
Insert Size: 438 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).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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 style="list-style-type: none">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_176808.5 , NP_789778.1
RefSeq Size:	2275 bp
RefSeq ORF:	438 bp
Locus ID:	193813
UniProt ID:	Q8K5B2
Cytogenetics:	17 E4
Gene Summary:	<p>The MCFD2-LMAN1 complex forms a specific cargo receptor for the ER-to-Golgi transport of selected proteins.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>