

## Product datasheet for **MC201089**

### **Ftcd (NM\_080845) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ftcd (NM_080845) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ftcd
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC010813 sequence for NM\_080845  
TCTGGACTCAGGTGCTGGCCATGTCTCAGTTGGTGAATGTGTCCCACTTCTCAGAGGGGAACAACCA  
GGAGGTGATTGATGCCATCTCTCGAGCCATCTCCAGACCCAGGCTGTGTGCTGTTGGACGTGATGCC  
GGACCCTCCACCAACCGCACTGTCTACACTTTCGTGGGGCAGCCAGAGTGTGTGCTAGAGGGGGCCCTCC  
ATGCTGCGCGTACGGCCTCACAGCTCATCGACATGAGCAAAGCAAGGGTGAACCCCTCGAATGGGCGC  
TCTGGATGTGTCCCTTCATCCCGGTGAGGGGCGTCAGCATGGAAGAGTGTGTGCTCTGTGCCAAGGCA  
TTTGGGCAGCGGCTGGCAGAGGAACTTAATGTACCAGTGTATCTCTATGGTGAGGCAGCTCAGACGCCCA  
GTCGTGACACCCTGCCAGCCATCCGGGCTGGAGAGTATGAGGCCCTGCCTGAGAAGCTCAAACAGGCCGA  
GTGGGTGCCAGACTTTGGCCCTAGCTCCTTTGTCCCCAGTTGGGGTGTACTGTACACGGGTGACCGGAAG  
TTCCTCATTGCATTCAATATCAACCTGTAAGCACCAAGGAGCAGGCCACCGTATTGCTCTAACCTGC  
GGGAGCAGGGCCGAGGAAAGACCAGCCTGGACGTCTGAAAAAGTCCAGGGCATCGTTGGTACCTGGA  
AGAGAAGAACCTGGCTCAGGTGTCCACAAACCTCTGGACTTTGAGGTACAGCTCTGCACACAGTGT  
GAGGAGGCCCGCAGAGAGGCTCAGGAGCTGAATCTCCAGTGGTGGGCTCGCAGCTGGTGGGCTGGTGC  
CTCTGAAGGCCTTACTGGATGCCGAGCCTTCTACTGTGACAAGGAGAAGCTGTTTGTCTGGAGGAGGA  
GCATCGGATACGGCTGGTGGTGAACCGGCTGGGCTGGATTTCGCTGGCACCTTCGACCCAAAGGAACGG  
ATCATCGAGTACCTAGTCCCGATAGTGGACCAGAACAGAGCCTGTTGGACACCTCACTGCAGCGTTTGT  
TTCGGGAGGTGGGAGCCCGCTCTGCTGCCCCAGGAGGAGTTCTGTAGCAGCAGCGGTAGCAGCTCTGGG  
TGCAGCCCTGGCTTCTATGGTGGCCAGATGACCTATGGCCGGCGCCAGTTTGATCACTTGGATTCCACA  
ATGCGACGCCTGATCCCACCTTCCACGCAGCCTCTGCCAGCTGACTTCATTGGTGGATGCTGATGCC  
GGGCGTTTGTGCTGCTGTTTGGAGGCAATAAAGCTGCCAAGAACACGCCTGAAGAGAGAGACAGGCGTGC  
ATGCGCTCTGCAGGAGGGGCTGAGACAGGACGTGCTGTGCCACTGAACTGGCCGAGACTGTGTCCAG  
CTATGGCCAGCGCTGCAGGAGCTGGCCACTGTGGAACTGTCTGCTGTGACCTGCAGGTGGCAG  
CCAAAGCCTTGGAGACAGGTGTGTTTGGTGCCTACTTCAACGTGCTCATCAACCTGAAGGACATGACGGA  
TGATGTATTTAAAGAGAAGACACACCATCGAATCTCCAGCCTTCTGCAGGAAGCCAAGACTCAGGCTGCG  
CTGGTGTGGGTAGCCTAGAAGCCGAAAGGAGTGAAGAGACCGCTCCAGTGAATGGTCCAACTTCCAGT  
ATTCTTACCTATCTTAAGTGGCCCAAGCCTTGTGTTGGGGGGAAGAGTCAAGCATGACACCATCAGGGC  
CAGGTTGGGGCTCAATGCACAGCTGTCTATGCAGGATCAGAAGATGCAACGGAGGGGTTTGGGGTAGGG  
TATGGTAGGGCTGATTGGTGGTGTATCCTGATACCCTCTGTTATCCATGGTTTCTGGTAAATTCTGAA  
CACAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_080845

**Insert Size:** 1626 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:** [BC010813](#), [AAH10813](#)

RefSeq Size:	1908 bp
RefSeq ORF:	1626 bp
Locus ID:	14317
UniProt ID:	<a href="#">Q91XD4</a>
Cytogenetics:	10 39.25 cM
Gene Summary:	Folate-dependent enzyme, that displays both transferase and deaminase activity. Serves to channel one-carbon units from formiminoglutamate to the folate pool (By similarity). [UniProtKB/Swiss-Prot Function]