

Product datasheet for **RN213884**

Ftcd (NM_053567) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ftcd (NM_053567) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ftcd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213884 representing NM_053567
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCCAGTTGGTGAATGTGTCCCCAACTTCTCAGAGGGGAACAACCAGGAGGTGATCGATGCCATTT
 CTAAGCCATCTCCAGACCCCAGGTTGTGTGCTGTTGGACGTTGATGCTGGACCTCCACCAACCGCAC
 TGCTACACTTTTGTGGGGCAGCCGGAGTGTGTGGTCGAGGGAGCCCTCAGTGCTGCGCGAACAGCCTCA
 CAGCTCATCGACATGAGGAAGCACAAGGGAGAGCACCTCGAATGGGTGCTCTGGATGTGTGTCCCTTCA
 TCCCGGTGAGGGCGTCAGCATGGACGAGTGTGTGCTCTGTGCCAAGGCATTTGGGCAGCGGCTGGCAGA
 GGAAGTGAATGTACCAGTGTACCTCTATGGTGAAGCGGCTCAGATGCCAGTCTGACAGCCCTGCCAGCC
 ATCCGGGCTGGAGAGTATGAGGCCCTGCCTGAGAAGCTCAAACAGGCCGAGTGGGTGCCGACTTTGGCC
 CTAGCTCCTTTGCCAGTTGGGTGCCACTGTCACGGGTGCACGAAATTCCTCATTGCGTTCAATAT
 CAATCTGCTAAGCACCAAGGAACAGGCCACCGTATCGCTCTCAACCTGCGGGAGCAGGGCCGAGGGAAA
 GACCAGCCGGGACGTCTGAAAAAGGTTACGGGCATCGGCTGGTACCTAGAAGAGAAGAACCTGGCTCAGG
 TGTCACCAACCTCCTGGATTTTGGAGTACGGCTCTGCACACAGTGTACGAGGAGGCCCGCGAGAGGC
 TCAGGAGCTGAATCTCCAGTGGTGGGCTCACAGCTGGTGGGCTGGTGCCTCTGAAGGCCTTACTGGAT
 GCCGCAGCCTTCTACTGTGACAAGGAGAAGCTGTTTGTCTGGAGGAGGACACCGGATTCGACTGGTGG
 TGAACCGGCTGGGTCTGGATTCCTGGCGCCCTTCGACCCAAAGGAGCGGATCATCGAGTACCTGGTCCC
 GGATAGTGGACCAGAACAGAGCCTGCTGGACGCATCACTGCGTGCTTTTGTTCGGGAGGTGGGAGCCCGC
 TCTGCTGCCCCAGGAGCGGTTCCGTAGCCGACGCTGTTGCAGCTCTGGGTGCAGCCCTGGCTTCTATGG
 TGGCCAGATGACCTATGGCCGGCGCCAGTTTGATCACCTGGATTCCACAATGCGACGCTTGATCCCACC
 CTTCATGCAGCCTCCGCCAGCTGACTTCATTGGTGGACGCTGACGCGGGGCTTTTGGCTGCCTGTTTG
 GGGCAATAAAGCTGCCCAAGAATACGCCCTGAAGAGAGGGACAGGCGCACATGTGCTCTGCAAGAGGGGC
 TGAGACAGGCGGTGCTGTGCCACTGAACTGGCTGAGACGGTGTCCCAGCTATGGCCGGCGCTGCAGGA
 GCTGGCCCAATGTGGCAACCTCTCTTGTCTGACCTGCAGGTGGCAGCCAAAGCCTTGGAGACAGGT
 GTGTTTGGTGGTACTTCAATGTGCTCATCAACCTGAAGGACATGACGGATGATGATTTAAAGAGAAGA
 CACGCCATCGAATCTCCAGCCTTCTGCAGGAAGCCAAGACCCAGGCTGCGCTGGTGTGCTGGGTAGCCTAGA
 AGCTCGGAAGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_053567
- 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: [NM_053567.1](#), [NP_446019.1](#)

RefSeq Size: 1942 bp

RefSeq ORF: 1626 bp

Locus ID: 89833

UniProt ID: [O88618](#)

Cytogenetics: 20p12

Gene Summary: binds vimentin intermediate filaments; may regulate cytoskeletal rearrangement [RGD, Feb 2006]