

Product datasheet for **RN215689**

Etfdh (NM_198742) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etfdh (NM_198742) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Etfdh
Synonyms:	MGC93785
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215689 representing NM_198742
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTGGTGCAGCTAACCAAGCTGCTCCTGCCCTGCATATCAGTGGTTTCATGCCTTAAAAATTTAAAAAGT
 GCCTACCTCTGTGTGCTCCAAGATGCTCTTCAACCTCTGCTGTACCTCAGATTACCACTCACTACACTAT
 TCATCCCCGGGAAAAAGACAAAAGATGGGAAGGAGTGAATATGGAGAGATTTGCAGAAGAAGCAGATGTG
 GTAATAGTTGGTGCCGGCCAGCAGGGCTCTCTGCAGCTATTCGGCTAAAGCAGCTGGCTGCTGAACAGG
 AAAAGGACATCCGTGTGTCTGGTGGAGAAAGCTGCTCAGATAGGAGCTCATACGCTCTCAGGGGCTTG
 CCTTGATCCAGCTGCTTTAAAGAGCTTCCCAGACTGGAAGGAGAAGGGGGCTCCACTAACACTCCT
 GTAACAGAAGACAGGTTTGCATTTAACAGAGAAACACAGAATTCCTGTGCCAATCTTCCAGGTCTTC
 CGATGAACAATCATGGCAATTACATCGTACGCCTCGGACACCTTGTGAGCTGGATGGGAGAACAGGCAGA
 GGCTCTGGGAGTTGAAGTGTACCCTGGATATGCTGCTGCTGAGGTCTTTATCATGAAGTGGTAGTGTG
 AAAGGAATCGCCACTAACGATGTGGAAATACAGAAGGATGGCGCACCAAGACAACATTTGAGAGAGGCC
 TGGAGTTGCATGCCAAAGTCACAATCTTTGCAGAAGGCTGCCATGGACACCTAGCCAAGCAGCTTTATAA
 AAAGTTTGATTTGAGGGCCAGCTGTGATGCCAGACTTACGGAATTTGGTTGAAGGAGTTATGGTTATT
 GATGAGAAGAAGTGGAAACCTGGGAGAGTAGATCACACTGTTGGCTGGCCCTTGGACAGACATACTTATG
 GAGGCTCTTTCCTCTATCACTTAAATGAAGGTGAACCTCTAGTAGCTGTTGGTTTGTGGTTGGCCTGGA
 CTATCAGAATCCATACCTGAGTCCATTCAGAGAGTTCAGAGGTGGAAGCATCACCCAGCATCCGACCA
 ACCCTGGAAGGTGGGAAAAGGATAGCCTATGGAGCCCGAGCTCAATGAAGGTGGCTTGCAGTCCATAC
 CAAAATCACTTTTCTGGTGGCTTACTAATTGGTTGCAGTCTGGATTATGAATGTTCCCAAGATCAA
 AAGTACCACACAGCAATGAAAAGTGGAAAGCTTGGCAGCAGAAGCAATTTTTAAGCAACTAACTAGTGAA
 AATCTCCAATCAAAGACAGCAGGACTCCACGTAAGTATGAGGACAATTTGAAGCAATCCTGGGTGT
 GGAAAGAGCTACATGCTGTGAGAAATATAAGGCCATCCTGCCACGGGATCCTGGGGGTATATGGAGGGAT
 GATTTACTGGAATATTTTACTGGATATTGAGAGGAATGGAGCCATGGACTCTAAAACATAAAGGCTCA
 GACTCTGAACAGCTCAAACCAGCAAGGACTGTACACCCATTGAGTATCCAAAACCTGACGGACAGATCA
 GTTTTGACCTCTATCCTCTGTGGCTCTGAGTGGTACTAATCATGAACATGACCAGCCAGCACATTTAAC
 CTTGAAGGATGACAGCATACCTGTTAATAGAAATCTGTCAATATATGATGGCCTGAGCAGCGATTCTGC
 CCTGCAGGAGTTTATGAATTTGTTCTCTGGAACAAGGTGATGGATTTTCGGTTACAGATAAATGCTCAGA
 ACTGTGTGCATTGTAACATGTGATATCAAAGACCCAAGTCAAATATTAAGTGGTGGTCCAGAAAG
 TGGAGGAGGACCTGCTTACAATGGCAT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_198742

Insert Size: 1851 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_198742.2](#), [NP_942037.2](#)

RefSeq Size: 2242 bp

RefSeq ORF: 1851 bp

Locus ID: 295143

Cytogenetics: 2q33

Gene Summary: human homolog is an iron-sulphur flavoprotein involved in the mitochondrial electron-transfer system; accepts electrons from electron-transfer flavoprotein and in turn reduces ubiquinone [RGD, Feb 2006]