

## Product datasheet for **RN209975**

### **Etfa (NM\_001009668) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Etfa (NM\_001009668) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Etfa  
**Synonyms:** ETF  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209975 representing NM\_001009668  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTTCGAGCAGCGCGCCTGGGCAGCTCCGGCGGGCGGCTCGTTGCTCCGTTTTTCAGAGCACCTTGG  
TAATAGCTGAGCATGCGAATGATTCTCTAGCACCCATTACTCTAAACACTATCACTGCAGCTGGACGTCT  
TGGAGGTGAAGTGTCTGCTTAGTAGCTGGAACAAAATGTGACAAGGTGGTACAGGATCTCTGTAAAGTA  
GCAGGCGTGGCAAAGTTCTGGTGGCTCAGCATGATGCGTACAAAGGCCCTTCTCCAGAGAACTCACAC  
CATTGATTTTGGAACTCAGAAGCAGTTCAGTTACACACACATCTGTGCTGGAGCATCTGCTTTTGGAAA  
GAACCTTCTGCCAGAGTAGCAGCCAACTTAATGTTGCCCGAGTTTCTGACATCATTGAGATCAAGTCA  
CCTGACACATTTGTGAGAACTATCTATGCAGGAAATGCATTGTGTACAGTGAAATGTGATGAGAAAGTGA  
AGGTGTTTTCTGTTGAGGAACATCTTTGAGGCTGCAGCAGCAAGTGGAGGTAGTGCCAGTTCAGAAAA  
GGCACCAAGTTCTTCATCAGCAGGAATATCAGAGTGGCTTGACCAGAAATGACAAAAAGTGACCGACCA  
GAGCTAACTGGTCCAAAGTGGTGGTATCTGGTGGTCCGGGCTTGAAGAGTGGAGAGAACTTAACTGC  
TGTATGACTTGGCAGATCAGCTGCATGCTGCAGTTGGTGGTCCCGTGCTGCTGTTGATGCTGGCTTGT  
TCCAATGACATGCAAGTTGGTGCAGCAGGAAAAATAGTAGCTCCAGAACTTTATATTGCTGTTGGAATA  
TCTGGAGCCATCCAGCATTAGCTGGGATGAAGGACAGCAAGACAATTGTGGCTATTAACAAGACCCAG  
AAGCTCCAATTTTCCAAGTGGCAGATTATGGAATAGTTGCAGATTTATTTAAGGTGGTTCCTGAAATGAC  
AGAAATACTGAAGAAAAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001009668



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<b>Insert Size:</b>	1002 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001009668.1</a></u> , <u><a href="#">NP_001009668.1</a></u>
<b>RefSeq Size:</b>	1426 bp
<b>RefSeq ORF:</b>	1002 bp
<b>Locus ID:</b>	300726
<b>UniProt ID:</b>	<u><a href="#">P13803</a></u>
<b>Cytogenetics:</b>	8q24
<b>Gene Summary:</b>	specific electron acceptor for several dehydrogenases, including acyl-coA dehydrogenases, glutaryl-coA and sarcosine dehydrogenase; transfers electrons to the main mitochondrial respiratory chain [RGD, Feb 2006]