

Product datasheet for **MG200192**

Etfrf1 (NM_133688) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Etfrf1 (NM_133688) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Etfrf1
Synonyms: 4930469P12Rik; AL022899; Etfrf1; Ghiso; Lyrn5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200192 representing NM_133688
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAATTCGTTACGAGGAGAAGTACTGACTCTTTATAAAAACTGCTGTATCTTGGACGGGACTATC
 CAAAAGGAGCAGGCTATTTTAAAGGCGTTTGAAGAACGTTTTCCTTAAAAACAAGGATGTGGAGGACCC
 AGAGAAGATCAAAGAATTATCGCACGAGGAGAATTTGTAATGAAGGAGCTAGAGGCCTGTACTTCCTT
 AGGAAATACAGAGCTATGAAGCAACGTTACTATTAGATACCAAAGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200192 representing NM_133688
 Red=Cloning site Green=Tags(s)
 MANSLRGEVLTLYKNLLYLGRDYPKGAGYFKRRLKNVFLKNKDVEDPEKIKELIARGEFVMKEALEALYFL
 RKYRAMKQRYSDTKV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_133688.2 , NP_598449.1
RefSeq Size:	1353 bp
RefSeq ORF:	261 bp
Locus ID:	67636
UniProt ID:	Q91V16
Cytogenetics:	6 77.37 cM
Gene Summary:	Acts as a regulator of the electron transfer flavoprotein by promoting the removal of flavin from the ETF holoenzyme (composed of ETFA and ETFB).[UniProtKB/Swiss-Prot Function]