

Product datasheet for MG200192

Etfrf1 (NM_133688) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

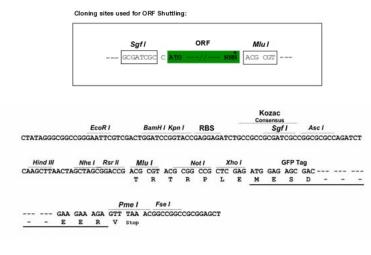
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Product Type:	Expression Plasmids
Product Name:	Etfrf1 (NM_133688) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Etfrf1
Synonyms:	4930469P12Rik; AL022899; Etfrf1; Ghiso; Lyrm5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG200192 representing NM_133688 Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGGCCAATTCGTTACGAGGAGAAGTACTGACTCTTTATAAAAATCTGCTGTATCTTGGACGGGACTATC CAAAAGGAGCAGGCTATTTTAAAAGGCGTTTGAAGAACGTTTTCCTTAAAAACAAGGATGTGGAGGACCC AGAGAAGATCAAAGAACTTATCGCACGAGGAGAATTTGTAATGAAGGAGCTAGAGGCCTTGTACTTCCTT AGGAAATACAGAGCTATGAAGCAACGTTACTATTCAGATACCAAAGTC
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	>MG200192 representing NM_133688 <mark>Red</mark> =Cloning site Green=Tags(s)
	MANSLRGEVLTLYKNLLYLGRDYPKGAGYFKRRLKNVFLKNKDVEDPEKIKELIARGEFVMKELEALYFL RKYRAMKQRYYSDTKV
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul

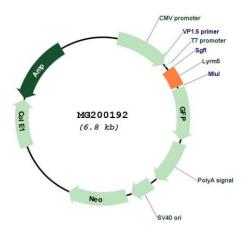


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Cloning Scheme:



Plasmid Map:



ACCN:	
ORF Size:	
OTI Disclaimer:	

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>

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NM_133688

258 bp

CRIGENE Etfrf1 (NM_133688) Mouse Tagged ORF Clone – MG200192	
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 133688.2, NP 598449.1</u>
RefSeq Size:	1353 bp
RefSeq ORF:	261 bp
Locus ID:	67636
UniProt ID:	<u>Q91V16</u>
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]

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