

Product datasheet for RC240230

FER1L5 (NM_001293083) Human Tagged ORF Clone

Product data:

| | |
|--------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | FER1L5 (NM_001293083) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | FER1L5 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RC240230 representing NM_001293083 Red=Cloning site Blue=ORF Green=Tags(s) |

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CATTATGTGCCCTGGTACAACACCAAGCCTGTCGTGGCCGTGACCTCCAACCTGGGAGGACGTCAGCTTCC
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Protein Sequence:

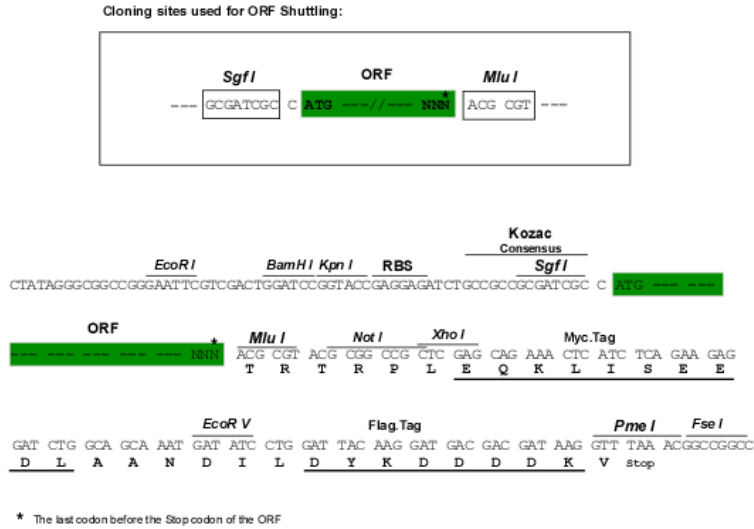
>RC240230 representing NM_001293083
 Red=Cloning site Green=Tags(s)

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 L TCNIPLEKDLEIQLYDFDLSPDDKIGTTVIDLENRLSGFGAHCGLSKSYCQSGPFRWRDQMPPSYLL
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 YSHSQPIDQGVQMWVDIFPKKL GPPGPQVNI NPKPKRYELRCIIWKTANVDL VDDNL SREKTSDIYI
 KGWLYGLEKDMQKTDIHYHSLTGEADFNWRFIFTMDYLAERTCVQSQDYIWSLDATSMKFPARLIIQV
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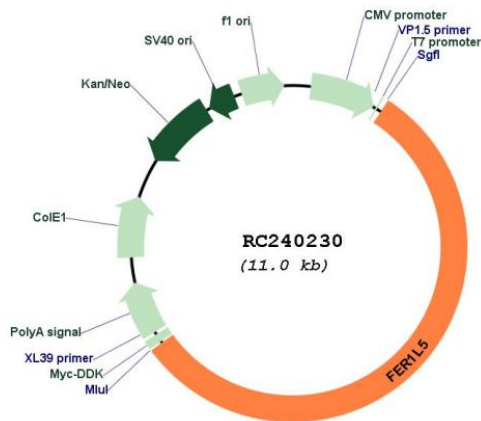
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001293083

ORF Size: 6171 bp

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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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| 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_001293083.2 |
| RefSeq Size: | 6497 bp |
| RefSeq ORF: | 6174 bp |
| Locus ID: | 90342 |
| UniProt ID: | A0AVI2 |
| Cytogenetics: | 2q11.2 |
| Protein Families: | Transmembrane |
| MW: | 238.4 kDa |
| Gene Summary: | Plays a role in myoblast fusion; probable mediator of endocytic recycling for membrane trafficking events during myotube formation.[UniProtKB/Swiss-Prot Function] |