

Product datasheet for **RG205563**

FEM 1C (FEM1C) (NM_020177) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FEM 1C (FEM1C) (NM_020177) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FEM 1C
Synonyms:	EUROIMAGE686608; EUROIMAGE783647; FEM1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG205563 representing NM_020177
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATCTAAAGACAGCAGTATTTAACGCAGCTCGGGATGGCAAACCTCCGGCTTCTACCAAATTGTTGG
 CAAGCAAATCCAAAGAGGAGGTTTCTCCTTGATCTCTGAAAAACAAATGGGGCCACGCCACTCTTGAT
 GGCCGCCAGGTATGGGCACCTTGACATGGTGAATTCTCCTAGAGCAATGCAGTGCCTCCATAGAAGTT
 GGGGGCTCCGTCAATTTTGATGGCGAAACCATTGAGGGGGCTCCCCCTTTATGGGCGCTTCTGCAGCAG
 GACATCTGAAGTGGTCCAGTCTTGTTAAATCATGGAGCATCTGTCAACAACACGACTTTAACCAATTC
 AACTCCTCTTCGAGCTGCGTGTTTCGATGGCCATTTGAAATAGTGAAGTACCTTGTAACACAAAAGCT
 GATTTGGAAGTGTCAAACCGACATGGGCATACGTGCTTGATGATTTTCATGTTACAAAGGACATAAAGAGA
 TTGCTCAGTATTTACTTGAAGGGGGCAGATGTTAATAGAAAAAGTGCAAAGGTAATACTGCATTGCA
 TGATTGTGCAGAACTGGAAGTTTGACATCATGAAGATGCTTCTTATGTATTGTCCAAGATGGAAAAG
 GATGGTTATGGAATGACTCCCCCTCTCTCAGCAAGTGTGACTGGTCACACAAATATTGTGGATTTTCTGA
 CACACCATGCACAGACCAGCAAGACAGAACGTATTAATGCTCTAGAGCTTCTGGGAGCTACATTTGTAGA
 CAAAAAAGAGATCTGCTTGGGGCTTTGAAATACTGAAAAAGGCAATGAACATGAGGTACAGTGATAGG
 ACTAATATTATTAGTAAACCAAGTCCACAGACACTAATAATGGCTTATGATTATGCCAAGGAAGTGAACA
 GTGCAGAAGAGCTAGAAGGTCTTATGCTGATCCTGATGAGATGAGAATGCAGGCACTATTAATCAGAGA
 ACGTATTCTTGGTCTTCTCATCCTGATACCTCTTACTATATTAGATATAGAGGCGCTGTCTATGCAGAC
 TCTGGAATTTCAAACGATGCATCAACCTATGGAAGTATGCTTTGGATATGCAGCAGAGCAATTTGGATC
 CTTTAAAGCCCAATGACAGCCAGCAGCTTATTATCTTTGCAGAACTATTCTCCTTTATGCTACAGGATAG
 GGCTAAAGGCCTGCTGGGTACTACTGTTACATTTGATGATCTTATGGGCATACTTTGCAAAAGCGTCCTT
 GAAATAGAGCGAGCTATCAAACAACTCAGTGTCCAGCTGACCCATTACAGTTAAATAAGGCCCTTTCTA
 TTATTTTGCACCTTAATTTGCTTGTAGAGAAAGTCTTGTACTCTAGAACAAGACCATTTCAAAAAGCA
 GACTATATACAGGTTTCTTAAGCTGCATCCAAGGGGAAAGAATACTTCAGCCCTCTTCTGCTGTG
 GACAAGAATACTACATGTGTAGGCGGTACCCTGTTTGTAAATTTCCATCTCTACAAGTTACTGCAATAC
 TGATAGAATGTGGTGTGATGTGAACGTCAGAGACTCGGATGACAACAGTCCCCTGCATATCGCTGCTCT
 TAACAACCATCCAGACATCATGAATCTCCTTATTAATCAGGTGCACATTTTGATGCCACAACTTGCAC
 AAACAACTGCTAGTGACTTGTGGATGAGAAGGAAATAGCTAAAAATTTAATCCAGCCTATAAATCATA
 CCACATTGCAGTGTCTTGTCTGCTGTCATAGTGAATCATAGAATATATTATAAAGGGCATATCCAGAG
 AAAGCTAGAGACTTTTGTTCCTTCATAGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG205563 representing NM_020177
 Red=Cloning site Green=Tags(s)

MDLKTAVFNAARDGKLRLLTKLLASKSKEEVSSLISEKTNATPLLMAARYGHLDMEFLLEQCSASIEV
 GGSVNFDEGETIEGAPPLWAASAAGHLKVQSLLNHGASVNNTTLTNSTPLRAACFDGHLEIVKYLVEHKA
 DLEVSNRHGHTCLMISCYKGHKEIAQYLLEKGADVNRKSVKGNTALHDCAESGSLDIMKMLLMYCAKMEK
 DGYGMTPLL SASVTGHTNI VDFLTHHAQTSKTERINALELLGATFVDKKRDLLGALKYWKKAMNMRYSR
 TNIISKVPVQTLIMAYDYAKEVNSAELEGLIADPDEMRMQALLIRERILGPSHPDTSYYIRYRGAVYAD
 SGNFKRCINLWKYALDMQQSNLDPLSPMTASSLLSFAELFSFMLQDRAKGLLGTTVTFFDDLGMILCKSVL
 EIERAIKQTQCPADPLQNLKALSIIHLICLLEKVPCTLEQDHFKQT IYRFLKLHPRGKNNFSPLHLAV
 DKNTTCVGRYPVCKFPSLQVTAILECGADVNVNRSDDNSPLHIAALNNHPDIMNLLIKSGAHFDATNLH
 KQTASDLLDEKEIAKNLIQPINHTTLQCLAARVIVNHRYYKGGHIPEKLETFVSLHR

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_020177

ORF Size: 1851 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.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_020177.2](#), [NP_064562.1](#)

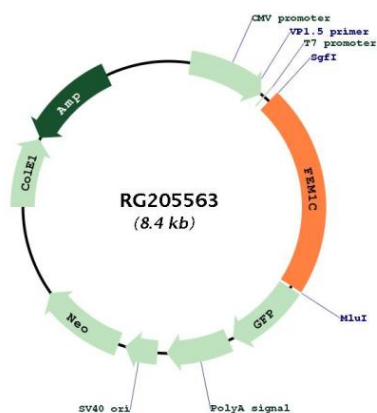
RefSeq Size: 5813 bp

RefSeq ORF: 1854 bp

Locus ID: 56929

UniProt ID: [Q96JP0](#)
Cytogenetics: 5q22.3
Domains: ANK
Gene Summary: Probable component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205563