

Product datasheet for **RG233937**

FAM217B (NM_001190826) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM217B (NM_001190826) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM217B
Synonyms:	C20orf177; dj551D2.5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG233937 representing NM_001190826 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAATGCTGGCCATCTTGAATAAAGTGCAACATTCAAAGAATTCTTCAGGAAAAAGGCAGAGTAAAT
CCCAAGTACCCACGCTTCTTCCAGCCGAGAAGCAGCCTCACAGCTGTACCCAGCCTACTGAAGAAAA
ACTTAAAGAAAGCATTTCGCCGAAGCAAGACGCAAAAGGAATCCACTCGGTTCCAGGTGTCAGGGGGCC
TCAGGGAATAAACTGTTTCTTGATTTTCAGTCAATGAAAATTATTAAGAGAATGCTGATGAGGACAGTG
CAAGTGATCTCTGATTCGGAAGAATTCCCATTCCTCCTTCTCCCTCACACCTCCAGATCTCAATCT
TCGAGCTGAAGAAATTGATCCAGTTTACTTTGATCTTCACCCTGGTCAGGGCCATACAAAACCTGAATAC
TATTATCCTAATTTCTTCCATCCCTTTTCAGCTCCTGGGACCTACGAGATATGGCCCTGCTTCTGAACG
CAGAGAACAAAACGGAAGCCGTGCCCGAGTGGGAGGACTTCTTGGGAAGTATATCGATAGACTTATTCA
GCTTGAGTGGCTGCAAGTCCAGACTGTACAGTGTGAAAAAGCAAAGGGGGCAAAGCAAGCCCCCACT
GCCCCTGGGACCTCAGGGGCACTGAAAAGCCCTGGGAGAAGTAAGCTAATTGCTAGTGCTGTGCAAGC
CACTACCTCACCAGGAAGGGCTTCAAAGTCAGGCCCTTCCGAAAGAAAGCTTTTACCATGAAGAAAT
CCACCCATCACATTATGCATTTGAGACTTCCCCTAGACCCATTGATGTGCTTGGTGGTACCAGGTTTTGT
TCTCAGAGGCAAAACCTTGAAATGAGGACAGAAGAAAAGAAAAGAAATCAAGTAAGAGTACGAAGCTGC
AGCGCTGGGATCTGTCCGCGAGTGAAGCAGCTCTAAGGTGGAACCAAGCGGTACATTTCGAGTTCCCAA
ACAGGCAGCTGTGATTCTGGACTCAGCAGATTCTGTAAAGGCCTCCAAAACACAAGCACATGCACATCCT
AGGAAAAAGGGAAGGCAGAGAGCTGTGGTCATGCCACTGTATCGAGTGAGAAAAAACTGAAACAAACG
GAGTAAAGCAAAACACATATAAACTAAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


[View online »](#)

Protein Sequence: >RG233937 representing NM_001190826
 Red=Cloning site Green=Tags(s)

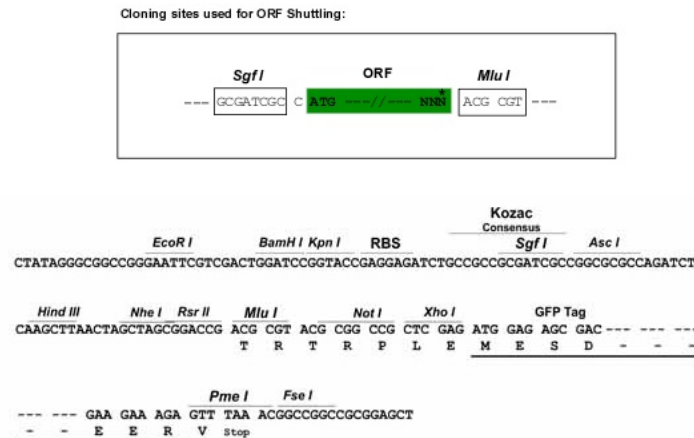
MNAGPSWNKVQHSKNSSGKRQSKSQVPHASSQPRSSLTAVTQPTEEKLKESISPEARRKRNP LGSRCQGA
 SGNKLF LDFQSMKIIKENADESASDLSDSERIPIPPSPLTPDLNLRAEEDPVYFDLHPGQGHTKPEY
 YYPNFLPSPFSSWDLRDMALLNAENKTEAVPRVGGLLGKYIDRLIQLEWLQVQTVQCEKAKGGKARPPT
 APGTSGALKSPGRSKLIASALSKPLPHQEGASKSGPSRKKAFFHHEEIHPSHYAFETSPRPIDVLGGTRFC
 SQRQTLEMRTTEKKKKSSKSTKLQRWDLSGSGSSSKVETSGHIRVPKQAAVILDSADSKASKTQAHAP
 RKKGKAESCGHATVSSEKKLKTNGVKQNTYKLLK

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001190826

ORF Size: 1149 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.

RefSeq: NM_001190826.2

RefSeq Size: 5119 bp

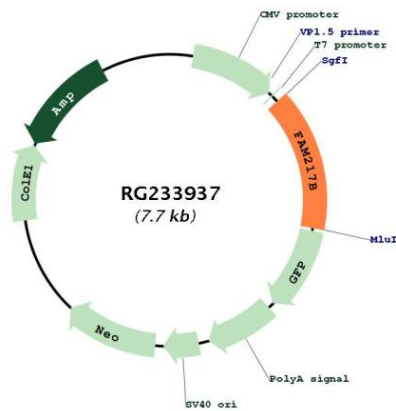
RefSeq ORF: 1152 bp

Locus ID: 63939

UniProt ID: Q9NTX9

Cytogenetics: 20q13.33

Product images:



Circular map for RG233937