

Product datasheet for **RG206810**

FAM200A (NM_145111) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	FAM200A
Synonyms:	C7orf38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG206810 representing NM_145111
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACTCCTGAATCAAGGGATACTACAGATTTGTCTCCAGGGGTACCCAGGAGATGGAAGGCATCGTGA
 TAGTGAAGGTGGAGGAGGAAGATGAAGAAGACCATTTTCAAAGGAAAGAAACAAAGTAGAGTCATCGCC
 ACAAGTTCTCAGTCGCTCTACAACATGAATGAGAGAGCCTTATTGTCATCGTATTTAGTTGCATATAGA
 GTGGCAAAAGAGAAAATGGCTCACACAGCGGCTGAAAAATATCCTTCCAGCATGTATGGACATGGTAC
 GGACAATTTTGTGACAAATCAGCTGATAAACTAAGAATACTCTTAGTGATAATAACAATATCTCG
 TCGAATCTGTACGATTGCAAAACATTTGGAAGCAATGCTTATTACACGGCTGCAGTCCGGTATAGACTTT
 GCAATCCAACCTCGATGAGAGCACTGATTTGCAAGTTGTCCCACTCTTGTTTTATGTCAGATATGTGT
 GGCAAGATGATTTGTAGAGGATCTCTATGTTGTTTAAATTTAAATTCACATATAACTGGATTAGATTT
 ATTTACTGAATTAGAAAAGCTCTTGGTCACTATAAATTAAGTGAAGCAATTGTAAAGGAATTTCA
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 ACAATGCTGTTTGGAACTACTGTTTTATTCATCGAGAAGCTTTGGTATCCAAAGAAATTTACCAAGTCT
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 AAACCTGGAGCCTGAAGAAGAGAATGAATTATTGCAGCTCAGTTCATCATTCACTAAAGAATTATTAT
 AAGATATTAAGTTTATCAGCATTTTGGATTAAAGATTAAGATGACTTTTCACTAAGTAGGAAGAGTA
 TATTGCTGTTACTACCATTACAACACTACATATTGTGTGAAGTGGATTTCAATCTTGACACGGTTAAA
 AACAAAGAAGAGAAATAGGCTCAATAGTGACACAGATATGCGGGTAGCATTATCTTCATGTGTTCTGAC
 TGAAGGAAGTATGAACAGACAAGCACACCCATCACAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

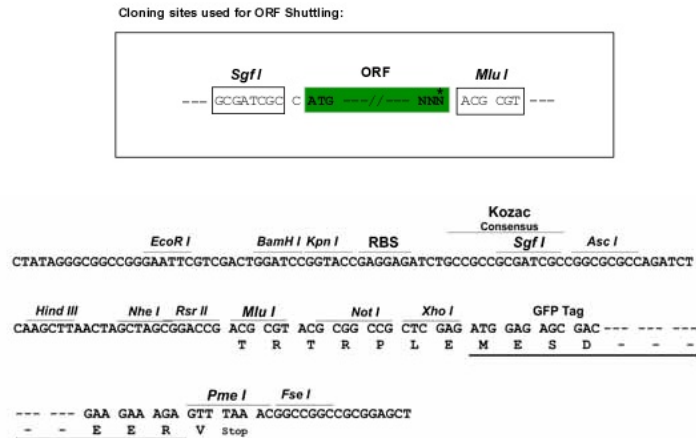
Protein Sequence: >RG206810 representing NM_145111
 Red=Cloning site Green=Tags(s)

MPESRDITDLSGGTQEMEGIVIVKVEEEDHFKERNKVESPPQLSRSTTMNERALLSSYLVAIR
 VAKEMAHTAAEKIILPACMDMVRTIFDDKSADKLRTIPLSDNTISRRICTIAKHLEAMLITRLQSGIDF
 AIQLDESTDIASCPTLLVYVRYVWQDDFVEDLLCCLNLSHITGLDLFTELENCLLGQYKLNWKHCKGIS
 SDGTANMTGKHSRLTEKLLLEATHNNVWNHCFIHREALYSKEISPLMDVLKNAVKTVNFIKGSSLSNRL
 LEIFCSEIGVNHLLFHTEVRWLSQGVLSRVYELRNEIYIFLVEKQSHLANIFEDDIWVTKLAYLSDI
 FGILNELSLKMGGKNDIFQYLEHILGFQKTLWLQARLKSNRPSYMFPTLLQHIEENIINEDCLKEIK
 LEILLHLTSLQTFNYFPPEEFESLKENIWMKDPFAFQNPESIIELNLEPEEENELLQLSSFTLNKY
 KILSLSAFWIKIKDDFPLLRSKSILLLLPFTTTLCELGFSILTRLKTKRNLNSAPDMRVALSSCVDP
 WKELMNRQAHPHSH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145111

ORF Size: 1719 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.

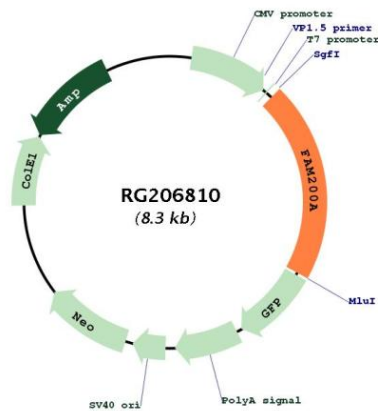
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_145111.4](#)

RefSeq Size: 2548 bp

RefSeq ORF:	1722 bp
Locus ID:	221786
UniProt ID:	Q8TCP9
Cytogenetics:	7q22.1
Gene Summary:	This gene encodes a protein of unknown function. The protein is weakly similar to transposase-like proteins in human and mouse. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG206810