

Product datasheet for **RG203865**

FAM199X (NM_207318) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	FAM199X
Synonyms:	CXorf39
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG203865 representing NM_207318
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGTCCGACGAGGCTCGGCCATCACTTCCTACGAGAAGTTTCTAACCCCGAGGAGCCCTCCCACTCC
TGGGACCTCCTCGCGGGTGGGCACCTGCCGAGCGAGGAGCCGGGCTGCCTGGACATCAGCGACTTCGG
CTGCCAGCTGTCTCTGCCATCGCACCGACCGCTCCACCGCTTCCACACCAACAGGTGGAACCTAACT
TCTTGTGGAACAAGTGTGCCAGCTCAGAAGGCAGTGAGGAGCTGTTTTCATCTGTGTCTGTTGGAGATC
AAGATGATTGCTATTCCTGTTAGATGATCAGGACTTCACTTCTTTTGATTTATTTCTGAGGGGAGTGT
CTGCAGTGATGTCTCTTCTTCTATTAGCACTTACTGGGATTGGTCAGATAGCGAGTTTGAATGGCAGTTA
CCAGGCAGTGACATTGCCAGTGGGAGTGATGTACTTTCTGATGTCATACCCAGTATTCCAAGTTCACCTT
GCCTGCTTCTAAAAAGAAAAACAAGCACCGGAATTTAGATGAACTCCCTTGGAGTGCAATGACAAATGA
TGAGCAGGTGGAATATATTGAGTATCTGAGTCGGAAGTGAGTACTGAGATGGGTCTTCGGGAGCAACTT
GATATTATTAAGATCATTGATCCTTCTGCTCAAATCTCCCCTACAGACAGTGAGTTTATTATTGAACTTA
ACTGTCTCACAGATGAAAACTGAAGCAGGTGAGAACTATATCAAGGAACATAGCCCTCGCCAACGGCC
TGCAAGAGAGGCTGGAAGAGAAGCAACTTAGTTGTGCAAGCAGCAGTGAGTGAGCGGTGCCAGTGCC
AGCGCCAGCAGCAGCAGTGCCAGCATGGTCAGTTCTGCAAGCAGCAGTGGGTCCAGTGTGGAAACTCTG
CTTCAAACCTCAGTGCCAACTGAGTCGAGCACACAGTGACAGCAACCTGTCTGCAAGTGACGAGAGCG
GATTCGGGATTCAAAAAGCGATCCAAGCAGCGGAAGTTACAGCAGAAGGCCTTCGCAAGAGGCAGCTG
AAGGAGCAGAGGCAGGCCCGGAAGGAGAGGCTCAGTGGGCTCTTCTTAACGAAGAGGTGCTGCTCTTGA
AAGTGACTGAGGAAGACCATGAAGCAGATGTTGATGTTTTGATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >RG203865 representing NM_207318
Red=Cloning site Green=Tags(s)

MSDEASAITSYEKFLTPEEPFLLGPPRGVGTCPSEEPGLDISDFGCQLSSCHRTDPLHRFHTNRWNL
SCGTSVASSEGSEELFSSVSGDQDDCYSLDDQDFTSFDLFPEGSVCSDVSSSISTYWDWSDSEFEWQL
PGSDIASGSDVLSVIPSPSPCLLPKKKNKHNRLDELWPSAMTNDQVEYIEYLSRKVSTEMGLREQL
DIIKIIDPSAQISPTDSEFIIEINCLTDEKLQVRNYIKEHSPRQRPAREAWKRSNFSCASTSGVSGASA
SASSSSASMVSSASSSGSSVGNSSANMSRAHSDSNLSASAAERIRDSKKRSKQKRLQQAFAFRKRL
KEQRQARKERLSGLFLNEEVLCLKVTEEDHEADVDVLM

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_207318

ORF Size: 1164 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_207318.4](#)

RefSeq Size: 3028 bp

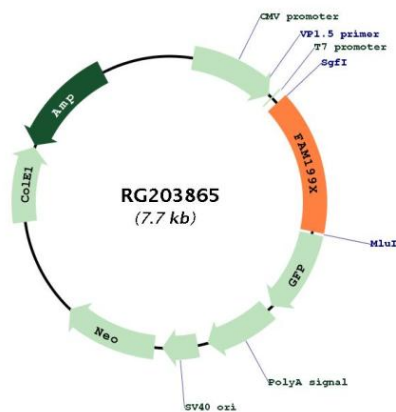
RefSeq ORF: 1167 bp

Locus ID: 139231

UniProt ID: [Q6PEV8](#)

Cytogenetics: Xq22.2

Product images:



Circular map for RG203865