

Product datasheet for **RG225292**

C10orf84 (FAM204A) (NM_001134672) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf84 (FAM204A) (NM_001134672) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM204A
Synonyms:	bA319I23.1; C10orf84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225292 representing NM_001134672 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAGTGGGCTGCTACCTCCTGGCCTAAATGAAAGTGACGCTGAGTCAAACCTCGGAAGATGAAGCTA
CGTTGGAGAACTCTGGACTTAACCTACAGGAAGATAAAGAGGATGAGAGCATCAGAAAAACAGAAATCAT
AGATTTCTCAACAGATGAACCAAAACTGAAACAGAGTCAAATGTAATGCCTATGAAGAGTGTCTTCT
GGAATTCATAGATATGTGGAATAAATTTCAAGAATTGCATAAAAAACATTCTGAACAGAAAAGCACAA
CCTCAAGATTCAGAGGGAAAAGAAGAAAACGCTCCAGAAAAGATAAATTGAAGAATGAAAAAGAATTACA
TAGTGAACCGTCTCAAATGAAACCCAGTGGAAAGAGCTTACTCAGTATTTGGAGTCAATGATAGATTT
GACCCGCCTGTTAAAAGGAAAAAGTTGAGAAGTCAGGCCTTGAAAAGAGGATAGACCAGGCTGTGGAGG
AGTGAATATTGAGAAGGCTGAGGAACTCAGCAACCAGCTAGCTACTCGAGAGCTTGGTGTAAAAATTGC
CAAAGCAGTTGCCTGCCCAACTTTGTAAGCCAAAAAGGAGTTGAAAATTCACAGGCTGCCGAAAA
AAGAAGAACTTGCATGGGGTTTGAAGCAAAGAAGAGATGGGAAACCAAAAGCAACATGGGATACATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225292 representing NM_001134672
Red=Cloning site Green=Tags(s)

MWSGLLPGLNESDAESNSEDEATLENSGLNLQEDKEDESIRKTEIIDFSTDEPKTETESNVNAYEECP
 GIPIDMWNKFQELHKKHSEQKSTTSRFRGKRRKRSRKDKLKNEKELHSEPSNETQWKELTQYFGVNDRF
 DPPVKRKKVEKSGLEKRIDQAVEEWNIKAEELSNQLATRELGVKIAKAVACHNFVKAKKEVENSQAARK
 KKKLAWGFEAKRWETKSNMGYM

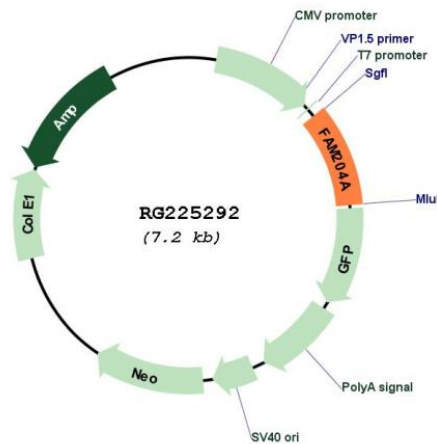
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001134672

ORF Size: 699 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:	<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_001134672.2
RefSeq Size:	2565 bp
RefSeq ORF:	702 bp
Locus ID:	63877
UniProt ID:	Q9H8W3
Cytogenetics:	10q26.11