

Product datasheet for **MG203660**

Fam210a (NM_153794) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam210a (NM_153794) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fam210a
Synonyms:	4933403F05Rik; AA987140; AV134576; AW491926
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203660 representing NM_153794 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAATGGAATGTACCACGGACTATGTCTCGGCTGGCACTCAGGACATTCGTGGAAGCACAGAAAGCCA
GGCTCTTTGATCACCATTGGCGCATAAAAGGGCCGTTACTTGTGCATAGAGGTGAATACAGAGTGGCTTG
GACACCACACCTTCGAAAGCAGTGGCTACATTTATCTGCTGTTTCAGTGCCTTGCAAAGCAAAGGAATCTC
TTAGATGCTCAGCCGCTCAGCTGGGGACCTTCGCCAGGAACGATGGGAGCAGGACATTTTATCCAAGA
GGGTTTTATCTTCCAGTCCACATCCCAGGAACTCCATCAGAAAAGAAGGAAGAAACAGACCCTTTACA
AGACAAATCTATCAGTCTGTATCAACGGTTAAGAAGACATTTAGACAATATGAAAAAGTTTAATTCCT
GTGCACCTAATAACTTCTGGGATTTGGTTTGAACATTTTACTATGCAACTATAAAAAGGAGTGAATGTCA
TCCCTTCCTAGAGGTCAATTGGGTTACCTGACAGTATCGTGGACATCCTGAAAACTCCCAAAGTGGGAA
TGCGCTGACAGCCTACGCCATGTTAAGATCGCAACGCTGCCCGCTACACCGTGACCTTGGGAGGAACC
TCCTTTACCGTGAAGTATTTGCGAAGTCACGGCTACATGTCAACCCACCGCCTGTCAAGGAGTACTTGC
AGGGCAGAATGGAAGAGACGAAGGAGCTCATCACAGAGAAAATGGAGGAGACAAAGGACAGACTCACTGA
GAAGTTACAAGAAACCAAAGGAAAAGTGCCTTTAAGAAAAAAGTGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203660 representing NM_153794
 Red=Cloning site Green=Tags(s)

MQWNPRTMSRLALRTFVEAQKARLFDHHWRIKGPLLVHRGEYRVAVTPHLRKQWLHL SAVQCLAKQRNL
 LDAQPPQLGTLRQERWEQDILSKRVLSSSSTSQETPSEKKEETDPLQDKSISL YQRFKKTFRQYGVKVLIP
 VHLITSGIWFGTFFYYATIKGVNVI PFLFLEVI GLPDSIVDILKNSQSGNAL TAYAMFKIATPARYT VTLGGT
 SFTVKYL RSHGYMSTPPP VKEYLQGRMEETKELI TEKMEETKDRLTEKLQETKGV SFKKKVE

TRTRPLE - GFP Tag - V

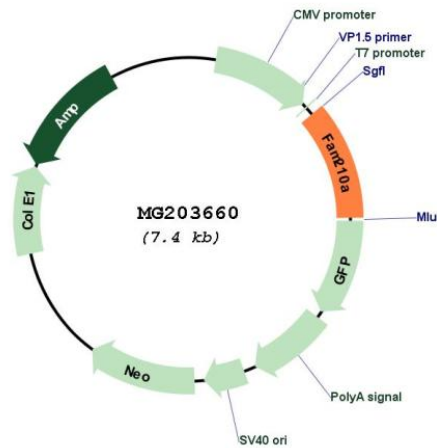
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_153794

ORF Size: 819 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_153794.4
RefSeq Size:	3049 bp
RefSeq ORF:	822 bp
Locus ID:	108654
UniProt ID:	Q8BGY7
Cytogenetics:	18 E2
Gene Summary:	May play a role in the structure and strength of both muscle and bone.[UniProtKB/Swiss-Prot Function]