

Product datasheet for **MG212156**

Tcp10a (NM_009340) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcp10a (NM_009340) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tcp10a
Synonyms:	D17Leh66A; D17Leh66aa; T66A-a; Tcp-10a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG212156 representing NM_009340 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGAGGATCTGAGTCAAGGAAAAGGGTCCAACCATGAGAAGAGGAAGATGGAGAGCACAGCCAGA
TCACTGAGGAAGACAGCAAGCTTGATGAGGTTGTGGGCTGCAGAACAAATACCTCCAAAGCCAGATCGA
TGCTCTGATAAAGGAGAACCAGGAGATCCGTGCGGAGCTGAAGACCTGAAGAAGCAGGATGCAGAGGCC
ACCAAAGCCTCTATAGGCTCGCCACCCCGCAAGAGCAAGCAACTCTGCCAGTGTACATAAAGATAG
AGGAATTGATTCTGAGAGGACAACCTCATGGGATGAAAGAGATGAGCTTCTGGAAGTCTCCAAACAG
AAGCACAATGGCCACCGAGGAACAGACTCCCAGGATGAAAGGCTGTCTTTACATCTGTGGATGAAAAG
GTTATACACATGTCTTCCAAATTTCTGCAAGAAGCTTCGGCAGAATGTCACCAGAACCACTGTCTGACA
GCACATTCCTGGACACAGAGTCACTGGCTGACATCTGTTCCCTCAAATCCAGAGACTTCGGACAGTGAAT
TCTCCTGCATGCTCAAGCAAGCAGGGTCATCCCTTGTTTTCCCAATGCAGTGTGGATGCAGAATATC
CCAACAAAGTCAAGAGCTCCTAAAGAAATACAGCAAACCTCGGACACTACAAAGACTGATGAGACAAAGG
AAAAGCGACACCCAAACGGCAAGGTGGAGCGGATGCTCAGTGTGGGCGAACCATCATCACCTTCCCAA
TGAACCGGAAGGAGATCAGTGTGACAAGAAGACCACCTCATCAGGTTTTTAAACGGTGACATGAAG
AAGATCAAGTCCGATCAGAAAGTGATTTATTATTATGCGGACACACAAACAATGCACACAACCTACCCAG
ATGGTGTGAAGTGGTGCAGTTTCTAACAAGTGGACTGAAAAATTCTACCCGGATGGCTCCAAGGAAAC
CGTGTTCCTGATGGGACAGTGAACAGCTTAAGGATGGATGTGAAGAGACGGTGTTCGCCGATGGGACA
TTTGTGACAGTGAAGAGGAACGGAGACAAAACCATCATGTTTCAGCAACGGAGAGAAAAGAAATCCACACGG
CCAGGTTCAAGCGGAAGGAATCCAGATGGCACCACCAAGACTGTGTATTGCAATGGCTGCCAGGAGAC
CAAGTATGCCTCAGGGAGGGTCAGGGTCAAAGATGAGAAGGGAAGTGCATCCTGGACTGGAAG

ACGGTACGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG212156 representing NM_009340
 Red=Cloning site Green=Tags(s)

MLEDLSQGGKSNHEKRKMESTAQITEEDSKLDEVVGLQNKYLQSQIDALIKENQEIRAELKTLKKQDAEA
 TKASIGSPTPARASNTLPVYIKIEGIDSSERTTSWDERDELSGSPPNRSTMATGGTDSQDERLSFTSVDEK
 VIHSSKFLQRSFGRMSPEPLSDSTFLDTESLADICSSNPETSDSELLHAQASRVIPCFSPNALWMQNI
 PTKSRAPKEIQQTSDTTKTDETKEKRHPNGKVERMLSDGRTIITFPNGTRKEISADKKTLLIRFFNGDMK
 KIKSDQKVIYYADTQTMHTTYPDGVVVQFPNKWTEKFYPDGSKETVFPDGTVKQLKDGCEETVFPDGT
 FVTVKNRGDKTIFSNGEKEIHTARFKRKEFPDGTTKTVYCNGCQETKYASGRVVRVKDEKGTVILDWK

TRTRPLE - GFP Tag - V

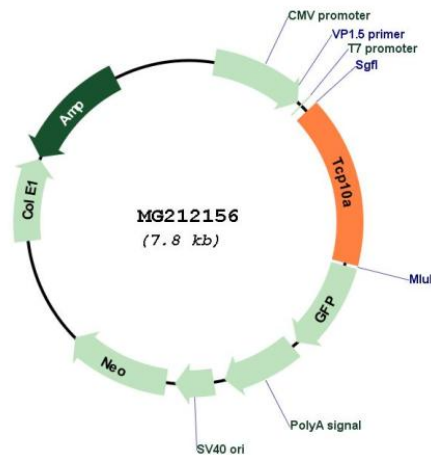
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_009340

ORF Size:	1254 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_009340.1 , NP_033366.1
RefSeq Size:	1831 bp
RefSeq ORF:	1257 bp
Locus ID:	21460