

Product datasheet for **MG206655**

Gla (NM_013463) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gla (NM_013463) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Gla
Synonyms:	Ags
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206655 representing NM_013463 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTTTTGAGCAGAGATACGCGGCTGGTCTGTGAGCTTGCCTTTGTCCCCTGGCTTTAGTTTTCT
GGAGCATTCTGGGGTCAGAGCATTGGACAATGGCTTGGCGGGACTCCTACTATGGGCTGGCTGCATTG
GGAACGTTTCATGTGCAACCTTGACTGCCAAGAAGAGCCTGATGCCTGCATAAGTGAGCAACTGTTTCATG
CAGATGGCAGAGCTCATGGTCTCTGATGGCTGGCGGGATGCAGGTTATGACTATCTGCATAGATGACT
GTTGGATGGCTCCCGAGAGGGATTCAAAGGGCAGGCTTCAGGCAGATCCCAACGCTTTCCTAGTGGGAT
CAAACACCTCGCAAATTACGTCCACAGCAAAGGATTGAAGCTAGGGATTTATGCAGATGTTGGGAATAAA
ACCTGTGCAGTTTTCCCGGGAGTTTTGGATCCTATGACATTGATGCGCAGACATTTGCTGACTGGGGCG
TAGATCTGCTAAAATTTGATGGTTGTCAGTGTGACAGTGTAGTATCCTTGGAGAAATGTTATAAGTACAT
GGCCTTGGCCTTGAACAGGACAGGCCGAAGCATTGTATACTCCTGTGAGTGGCCACTTTATTTGAGACCC
TTTCATAAGCCCAATTATACAGATATCCAATATTACTGCAATCATTGGAGAAATTTGATGATGTTTATG
ATTCCTGGGAAAGCATAAAGAATATCTTGTCTTGGACAGTGGTTTACCAGAAGGAGATTGTTGAAGTCGC
TGGACCAGGCAGCTGGAATGACCCAGACATGTTAGTATCGGCAACTTTGGCCTCAGTTGGGACCAGCAG
GTGACACAGATGGCCCTCTGGCTATCATGGCCGCTCCCCTACTCATGTCCAACGATCTGGACAAATCA
GCTCTCAAGCCAAAGCTCTGCTTCAGAATAAGGATGTAATTGCCATCAACCAAGACCCCTTGGGCAAGCA
GGGCTACTGTTTCAGAAAGGAAAACCACATTGAGGTTTGGGAACGGCCACTCTCCAACCTAGCCTGGGCT
GTGGCTGTGAGAAACCTGCAGGAGATTGGTGGACCTTGCCTTATACCATCCAGATTTCTCCCTGGGTA
GAGGACTAGCCTGCAATCCTGGCTGCATCATTACTCAGCTTCTCCCGAGAAAGTACACCTAGGCTTCTA
TGAATGGACTTTGACCTTAAAACCTCGAGTAAACCCCTCAGGCAGCTGTTTTGTTTCGGTTAGAAAGA

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG206655 representing NM_013463
 Red=Cloning site Green=Tags(s)

MKLLSRDTRLVCELALCPLALVFWSILGVRALDNLARTPTMGWLHWERFMCNLDQCQEEPACISEQLFM
 QMAELMVSDBGWRDAGYDYL CIDDCWMAPERDSKGR LQADPQRFPSGIKHLANYVHSKGLKLG IYADVGNK
 TCAGFPGSFGSYDIDAQTFADWGV DLLKFDGCHCDSVVSLENGYKYMALALNRTGRSIVYSCWPLYL RP
 FHKPNYTDIQYYCNHWRNFDDVYDSWESIKNILSWTVVYQKEIVEVAGPGSWNDP DMLVIGNFGLSWDQQ
 VTQMALWAIMAAPLLMSNDLRQISSQAKALLQNKDVIAINQDPLGKQGYCFRKENHIEVWERPLSNLAWA
 VAVRNLQEIGGPCPYTIQISSLGRGLACNPGCIITQLLPEKVHLGFYEWTLTKTRVNPSGTVLFRLER

TRTRPLE - GFP Tag - V

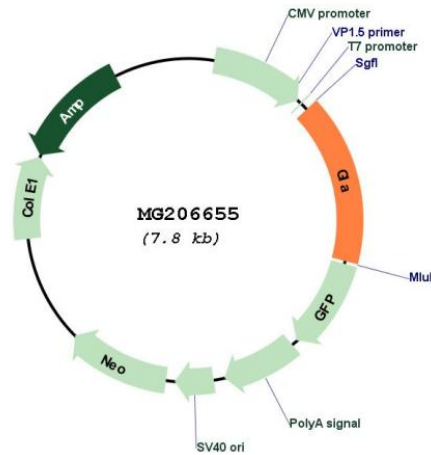
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_013463

ORF Size:	1263 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_013463.1
RefSeq Size:	3032 bp
RefSeq ORF:	1266 bp
Locus ID:	11605
Cytogenetics:	X 56.2 cM