

Product datasheet for **MG206976**

EG435970 (BC066874) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EG435970 (BC066874) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EG435970
Synonyms:	EG435970; EG668620; Gm9272; I1C0022H11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206976 representing BC066874 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCATTGGCCTTTGATGATGTGCATGTACACTTCACTCGGGAGGAGTGGTCTTGCTGGATCCAT
CTCAGAAGAGACTTTACAAAGATGTCATGCTGGAGAACTACAGGAATCTCACCCTATAGGCTACAATTG
GAAAGACCATAACATTGAAGAACATTGTCAAAATGATAGAAGATATGGAAGGCACGAAAGAACTCCTGCT
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AAAGAAACCAAACTGGAGACAAAACCTCTGAAGTCTTTCAACATAGTAAAGTGTTCATGTCAAAGTAC
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GTGGTAAAGCCTTTTACATCTCAACTATCTTAGAATTCATGAAAGAACACATACTGGAGAGAAACCTTA
CCAGTGTAAATCAATGTGGTAAAGCCTTTACACAAAGGAGTCATCTTCAAAGCCATAAAGTAGTACATACT
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TCACACCAGAGTAATCTCCACATACATGAAAGAACACATACAGGTGAGAAACCTATAAATGTAATCAGT
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CAAATGTAATCAATGTGGTAAAGCCTTTTACATCTCAGCTGTCTTCGGGTACATGAAAGAACACATACT
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TCTTCGGGTACATGAAAGAACACATACTGGAGAAAAACCTTACAAATGTGATCAATGTGGTAAAGCCTTT
ACACAACGCAGTCATCTTAAACCCATAAAGTAATACATACTAGAGGGAGACTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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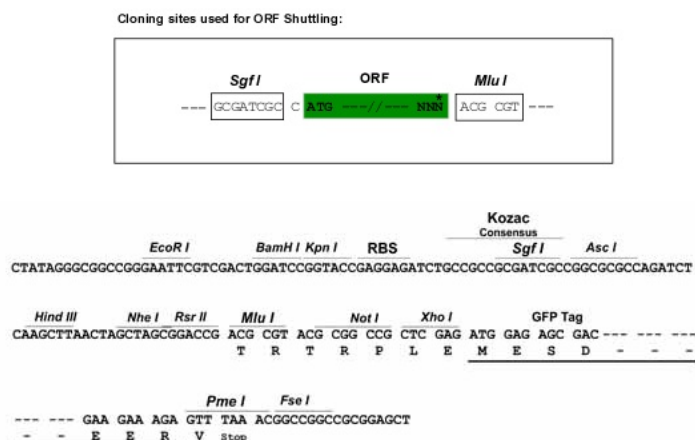
Protein Sequence: >MG206976 representing BC066874
Red=Cloning site Green=Tags(s)

MDALAFDDVHVHFTREEWSLLDPSQKRLYKDVMLENYRNLTTIGYNWKDHNIEEHQNDRRYGRHERTPA
GEKPYEYQWDKAFKYHSHLQKLERNTGDKNSEVFQHSKVLACQSTLQRNKRTDTREKPYKCNECDKAF
LKLKYL RVHERTHSGKKPYECNQCGKAFHLNLYLRIHERHTGKPYQCNQCGKAFTQRSHLQSHKVVHT
GVRPYICNQCNAKYPQQNYLRKHERTHTGKPYICNQCNAF SHQSNLRIHEKHTGKPYKCNCQDKAF
SHQSNLHIHERHTGKPYKCNCQDKAF AHLKYLR AHERHTGKPYKCNCQCGKAFHL SCLRVHERHT
GKPYKCNCQDKAFAQLKYLR AHERIHTGKPYKCNCQCGKAF LLLSCLRVHERHTGKPYKDCQCGKAF
TQRSHLKT HKVIHTRGL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: BC066874

ORF Size: 1314 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.

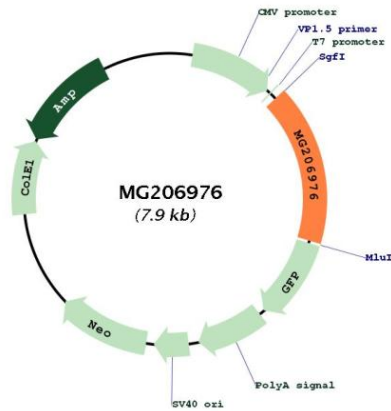
RefSeq: [BC066874.1](#)

RefSeq Size: 2877 bp

RefSeq ORF: 1316 bp

Locus ID: 435970

Product images:



Circular map for MG206976