

Product datasheet for **MG205535**

AA986860 (NM_177604) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AA986860 (NM_177604) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	AA986860
Synonyms:	E030025M07; Sarg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205535 representing NM_177604 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGTCCTTCTGAAACCGTATCCCATAAAGCCACTGAGAAAGGCTGGACAGAGGGGCTGCAGCAACCACAGC
AGCCTCCGGCCAGTCATCCAGCCACGAAAGCTGAAGAAGCTTCTCTACCTTCAGGGGTCAAGCCAAG
CATCCAGCAGACTCCTCTCACAGCCTCAAAGGCCGTAAGCTGCCACCTAATATAGTCTGAAGAGCAGC
AGAAGCAGTTTCCACAGCCATCCCAGAACTGGCTGTCAAATCACACTGAAGCTACAGACTCGGGCCCTG
TCTCTTTTGAAGAACAAGGAAAGCCCGCAGAGAGGCTCTGAAAAGCTAGGGCTGCCCCAGGACCA
AGATGATCCAGTCTGCTTGTAATAAGCATACAGTACCCTCAAAGTCAGGGAGGCTCAGCCTCAGACC
CCTTCCCAGGCCCGGGCTCCTGCTCGGCCAGCATCTCCAGCTCTGGTCTCGGGAAGTCTTCTGCGGCAG
GGAAAGTGTCCCGAAGAAGGCTGTCGCTCCTATGGACTCTCTCAGCAAGGGTTGGATTCTACCCAGGA
AACCCCTCCAGGAAAGGTTGCAGAGGCCAAGTCTATGCCATTCTATCCCTAAGACCTTAAGGAAAAAC
AGTTCCCGGACACAGCCCAAGCCTGACCCACGGCTGACCTCCAGGAAAGTAGCATCCCTGGCCTGAGAC
AGATGAAGTCAAGTCCAATACTCTGGAGCGTTGAGCGTAGGGCTGAGCAGCTATCTCTCAGCAGCTGA
GAAAAAGACCCAGCTGCCAAACCAGCACATCTCTGGAAAGAGCCCTTCTTGACAAGGTTTACCC
AGCGCCTTTCGTAATTCGGGCCCGGCCTGCCTCCTTGGCATGGGAAAGGATTTGCAGGAATCCAGG
GAGGCAAGCTGGTTGGCTGGAGCAGGACAGTCTCCAGCAGCCATCCTTCAAAGGACAGAGTTATGA
CAAGCTTCTCGACCCCTGTATCAGTGTCAAGATATCCCCAAAGGGCATTCTGATGGGCACAGGAGG
GAGGCTCTGAAGAAGCTGGGGCTGCTGAAGGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205535 representing NM_177604
 Red=Cloning site Green=Tags(s)

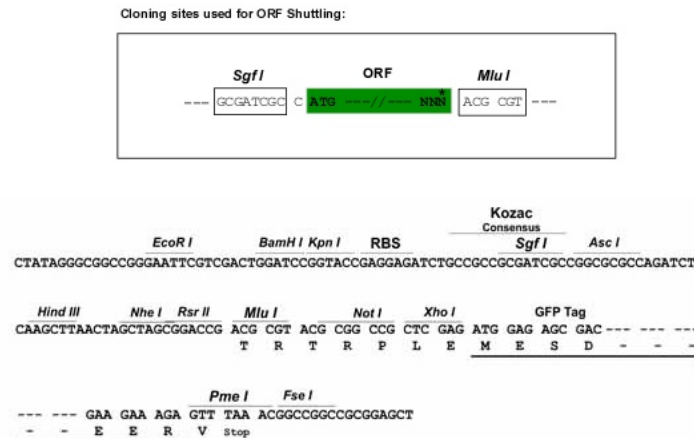
MSSETVSHKATEKGWTEGLQQPQQPPAQSSQPTKAEELSLPSGVKPSIQQTPLTASKARKLPPNIVLKSS
 RSSFHSHPQNWLSNHTAETDSDGPVSSLQEQRKARREALEKLGLPQDDPSLLVNKHTSTLVREAQPQT
 PSQARAPARPASPALVSGTASAAGKVSPKKAVAPMDSLKGWIPTQETPPGKVAEAKSMPIPIPKTLKEN
 SSRTQPKPDPRLTLQESSIPGLRQMNFKSNTLERSGVGLSSYLSAAEKKDPSCQTSTSLGKSPFLDKVSP
 SAFRNSRPRPASLGMGKDFAGIQGKLVGLEQDQCSQQPSFKGQSYDKLPRPPCISVKISPKGIPDGHRRE
 EALKKLGLLKE

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_177604

ORF Size: 1083 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: [NM_177604.2](#), [NP_808272.1](#)

RefSeq Size: 2940 bp

RefSeq ORF: 1821 bp

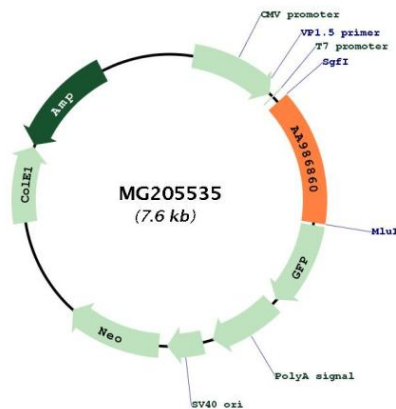
Locus ID: 212439

UniProt ID: [Q8BI29](#)

Cytogenetics: 1 E4

Gene Summary: Putative androgen-specific receptor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG205535