

Product datasheet for **MG227056**

Ammecr1 (NM_019496) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ammecr1 (NM_019496) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ammecr1
Synonyms:	6230420G18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG227056 representing NM_019496 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCGGGTGTGCTGTGGGTGAAGAAGCAGAACTGTCCAGTTCGCCCCCTCCGGCTCGGGTGGT
GTGGTGGCGCTCCTCCTCCTCACTGCAGCGGGGAGAGCCAGTGCCGAGCCGGGGAGCTGGGACTAGG
AGGCGCGGGACGCGCTCAACGGACTGGGCGGGCTGAGCGCGCGGCGGCAGCGCGCGCGGCGGTGGC
TGTCCTCCTCCTCCTCAGGGCTGCGCGCGGCGGCGGCGGCGCGCGCGCGCGCGCGGCGGCAGCGGACGG
GCGGCGGGGGCATCTCGCTGTCTCCACCTGAGCTGCGGAGTGGGAACCTACTTTCTACTCCGGCCGC
CGCCACCGCTCCTCGCGTCTCCTCGTCCTCATCCCCGGCTCCCGGAAGATGGTGGTGTGAGCGGAG
ATGTGCTGCTTCTGCTTCGATGTCTACTGTACCTGTACGGATACAGCAGCCCCGGACCCCCCGCT
TCACCAACGAGCCCTACCCTACTGTTTGAACATGGAAGATTGGTCGAGACAAAAGACTGCGTGGATGCAT
AGGTACCTTTTCTGCCATGAATTTGCATTCAGGACTCAGGGAGTACACACTTACCAGTGCCTTAAAGAC
AGCCGTTTTCCACCAATGACAAGGGATGAGTGCCAAAGCTTTTCTGCTCGGTGTCTCTGCTCACTAACT
TTGAAGATGTTTGCAGTATTTGGACTGGGAGGTGGGTGTGCATGGCATTAGAATAGAATTCATCAATGA
AAAAGGATCAAAACGCACCGCCACCTACCTACCGGAGGTTGCAAAGGAGCAAGGATGGGACCATATTCAG
ACCATAGACTCATTACTGAGAAAAGGAGGATACAAAGCTCCAATTACTAATGAATTCAGAAAAACCATAA
AGCTGACCAGGTACCGTAGTGAAAAGATGACCTTGAGTTATGCTGAATACCTTGCTCATCGCCAGCATCA
TCATTTCCAAAATGGCATCGGGCATCCCCTTCGGCCATACAACCATTATTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG227056 representing NM_019496
 Red=Cloning site Green=Tags(s)

MAAGCCGVKKQKLSSPPSGSGGGGGASSSSHCSGESQCRAGELGLGGAGTRLNGLGGLSGGGGSGGGGG
 CPLSPPQCGGGGGGGGGSGSGGGGISLSPPLSCGVGTLLSTPAAATASSPSSSSSPGSRKMVVS
 MCCFCFDVLYCHLYGYQQPRTPRFTNEPYPLFVTWKIGRDKRLRGCIGTF SAMNLHSLGREYTLT
 SALKD SRFPMPTRDELPRFLFCSVSLLTNFEDVCDYLDWEVGVHGIRIEFINEKGSKRTATYLP
 EVAKEQGW DHIQ TIDSLLRKGGYKAPITNEFRKTIKLRTRYRSEKMTLSYAEYLAHRQH HHHFQ
 N G IGHPLPPYNHYS

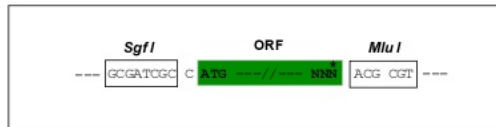
TRTRPLE - GFP Tag - V

Restriction Sites:

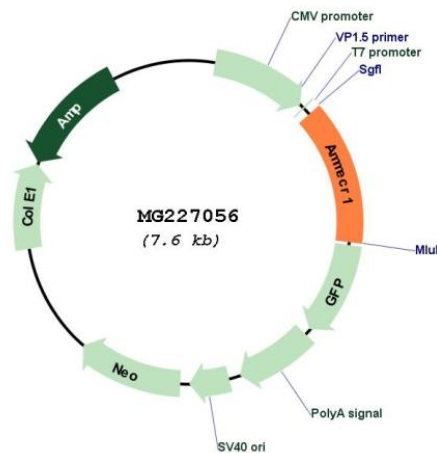
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_019496

ORF Size: 1032 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_019496.4
RefSeq Size:	3109 bp
RefSeq ORF:	1035 bp
Locus ID:	56068
UniProt ID:	Q9JHT5
Cytogenetics:	X F2