

Product datasheet for **MG221988**

Aamp (NM_001190444) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aamp (NM_001190444) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Aamp
Synonyms:	Aamp-rs; AU040907
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG221988 representing NM_001190444 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCGAATCGGAGAGCGGAGCGGCCGCTGACACCCCGCCTCTGGAGACTCTGAGCTTTCACGGAG
ATGAAGAGATCATTGAGGTGGTAGAGCTGGATCCAGGCCCGCCGACCCGGCAGATGATCTGGCCCAGGA
GATGGAAGACGTGGACTTTGAGGAAGAGGAAGAAGAAGAGGGCAATGACGAGGGCTGGGTCTTGAA
CCCCAGGAAGGGGTGGTGGTAGCATGGAGGGCCGGATGATAGTGAGGTACCTTTGCATTGCACTCAG
CGTCTGTGTTCTGTGTGAGCCTGGACCCAAAACCAACACCTTGGCAGTGACAGGGGGCGAAGACGACAA
GGCCTTCGTGTGGAGGCTCGGTGATGGAGAGCTGCTTTGAGTGTGCAGGCCACAAAGACTCTGTGACA
TGCCTGGTTTACGTACGATTCCACCCTAGTGGCCACAGGGGACATGAGTGGTCTTTTGAAGTATGGC
AGGTAGACACCAAGGAAGAAGTCTGGTCTTTGAAGCAGGAGACCTGGAGTGGATGGAGTGGCACCCCTCG
GGCTCCTGTCTGTTGGCGGGCACAGCCGATGGCAACACTTGGATGTGGAAGGTCCCGAATGGTGACTGT
AAGACCTTTCAGGGCCCCAAGTCCCTGCAACCTGTGGCCGCGTCTCCTGATGGGAAGAGAGCTGTGG
TAGGGTATGAAGATGGTACCATCAGGATCTGGGACCTCAAGCAAGGAAACCCATCCATGTAATAAAGG
GACTGAGGGTATCAGGGCCCTGACCTGTGTAGCCACCAACAGGATGGCAGTCTGATCCTGACTGGC
TCTGTAGACTGCCAGGCCAAGTGGTCACTGCCACCACTGGCAAGGTGGTGGGTGTGTTACAGACCTGAGA
CAGTCGCCTCCCAGCCCAGCCTGGGAGAGGGGGAGGAGAGTGAAGTCTAACTCCGTGGAGTCTTGGGCTT
CTGCAGTGTACGCTCTGGCCGCTGTTGGCTATCTGGACGGAACCTTGGCCATCTATGACCTGTCTACG
CAGACACTCCGGCACCAATGTCAGCACCAGTGGGCAATTGTTAGCTGCTGTGGGAGGCTGGCACTGCTG
TGGTGTACACCTGTAGCCTGGATGGTGTGTACGTCTCTGGGATGCCCGGACTGGCCGCTGCTTACTGA
CTACCGGGGCCACACTGCTGAGATCCTGGACTTTGCCCTCAGCAAAGATGCTTCCCTGGTGGTGACCACA
TCAGGAGACCACAAAGCAAAAGTATTTTGTGTCCAGAGACCTGACCGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG221988 representing NM_001190444
 Red=Cloning site Green=Tags(s)

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MESESESGAAADTPPLETLSFHGDEEIEVVLDPGPPDPADDLAQEMEDVDFEEEEEEEGNDEGWVLE
PQEGVVGSMGEPDDSEVTFALHSASVFCVSLDPKTNLTAVTGGEDDKAFVWRLGDGELLFECAGHKDSVT
CAGFSHDSTLVATGDMSSLKVVQVDTKEEVWSFEAGDLEWMEWHPRAPVLLAGTADGNTWMWKVPNGDC
KTFQGPNCPATCGRVLDPGKRAVVGYEDGTIRIWDLKQGNPIHVLKGTGEHQGPLTCVATNQDGSILITG
SVDCQAKLYSATTGKVVGVFRPETVASQPSLGESEESENVSLELGFCSVMPLAAVGYLDGTLAIYDLST
QTLRHQCQHQSGIVQLLWEAGTAVVYTCSLDGVVRLWDARTGRLLTDYRGHTAEILDFALSKDASLVVTT
SGDHKAKVFCVQRPDR
```

TRTRPLE - GFP Tag - V

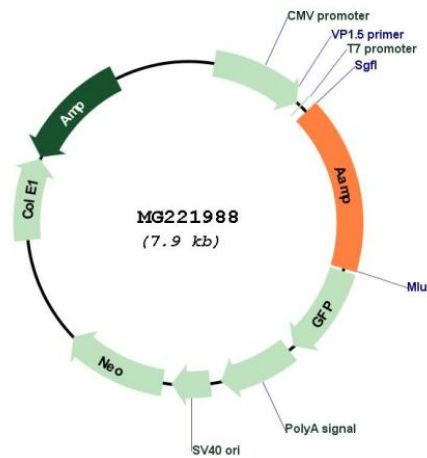
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001190444

ORF Size:	1308 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_001190444.1 , NP_001177373.1
RefSeq Size:	1820 bp
RefSeq ORF:	1311 bp
Locus ID:	227290
Cytogenetics:	1 38.53 cM