

Product datasheet for MR221988

Aamp (NM_001190444) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aamp (NM_001190444) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aamp
Synonyms:	Aamp-rs; AU040907
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR221988 representing NM_001190444 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGTCCGAATCGGAGAGCGGAGCGGCCGCTGACACCCCGCCTCTGGAGACTCTGAGCTTTCACGGAG
ATGAAGAGATCATTGAGGTGGTAGAGCTGGATCCAGGCCCGCCGACCCCGCAGATGATCTGGCCCAGGA
GATGGAAGACGTGGACTTTGAGGAAGAGGAAGAAGAAGAAGAGGGCAATGACGAGGGCTGGTCTTGAA
CCCCAGGAAGGGGTGGTGGTAGCATGGAGGGCCCGGATGATAGTGAGGTACCTTTGCATTGCACTCAG
CGTCTGTGTTCTGTGTGAGCCTGGACCCAAAACCAACACCTTGGCAGTGACAGGGGGCGAAGACGACAA
GGCCTTCGTGTGGAGGCTCGGTGATGGAGAGCTGCTCTTTGAGTGTGCAGGCCACAAAGACTCTGTGACA
TGCGCTGGTTTCAGTCACGATCCACCCTAGTGGCCACAGGGGACATGAGTGGTCTTTTGAAGTATGGC
AGGTAGACACCAAGGAAGAAGTCTGGTCTTTGAAGCAGGAGACCTGGAGTGGATGGAGTGGCACCCCTCG
GGCTCCTGTCTGTTGGCGGGCACAGCCGATGGCAACACTTGGATGTGGAAGGTCCCGAATGGTACTGTG
AAGACCTTTCAGGGCCCCAACTGCCCTGCAACCTGTGGCCGCTCCTCCTGATGGGAAGAGAGCTGTGG
TAGGGTATGAAGATGGTACCATCAGGATCTGGACCTCAAGCAAGGAAACCCATCCATGACTAAAAGG
GACTGAGGGTCATCAGGGCCCTCTGACCTGTGTAGCCACCAACCAGGATGGCAGTCTGATCCTGACTGGC
TCTGTAGACTGCCAGGCCAAGCTGGTCACTGCCACCCTGGCAAGGTGGTGGGTGTGTTAGACCTGAGA
CAGTCGCCTCCCAGCCCAGCCTGGGAGAGGGGGAGGAGAGTGAAGTCTAACTCCGTGGAGTCTTGGGCTT
CTGCAGTGTATGCCTCTGGCCGCTGTTGGCTATCTGGACGGAACCTTGGCCATCTATGACCTGTCTACG
CAGACACTCCGGCACCAATGTCAGCACCAGTCGGGCATTGTTAGCTGCTGTGGGAGGCTGGCACTGCTG
TGGTGTACACCTGTAGCCTGGATGGTGTGTACGTCTCTGGGATGCCCGACTGGCCGCTGCTTACTGA
CTACCGGGGCCACACTGCTGAGATCCTGGACTTTGCCCTCAGCAAAGATGCTTCCCTGGTGGTGACCACA
TCAGGAGACCACAAAGCAAAAGTATTTTGTGTCCAGAGACCTGACCGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR221988 representing NM_001190444
Red=Cloning site Green=Tags(s)

MESESESGAAADTPPLETLSFHGDEEIEVVVLDPGPPDPADDLAQEMEDVDFEEEEEEEGNDEGWVLE
 PQEGVVGSMEGPDDSEVTFALHSASVFCVSLDPKTNLAVTGGEDDKAFVWRLGDGELLFECAGHKDSVT
 CAGFSDSTL VATGDM SGLLKVVQVDTKEEVWSFEAGDLEWMEWHPRAPVLLAGTADGNTWMWKVPNGDC
 KTFQGPNCPCGRVLPDGKRAVVGYEDGTIRIWDLKQGNPIHVLKGTGEHQGPLTCVATNQDGSLLITG
 SVDCQAKLV SATTGKVGVFRPETVASQPSLGE GEESESNVSVESLGFCSVMPLAAVGYLDGTLAIYDLST
 QTLRHQCQHQSGIVQLLWEAGTAVVYTCSLDGVVRLWDARTGRLLTDYRGHTAEILDFALSKDASLVVTT
 SGDHKAKVFCVQRPDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

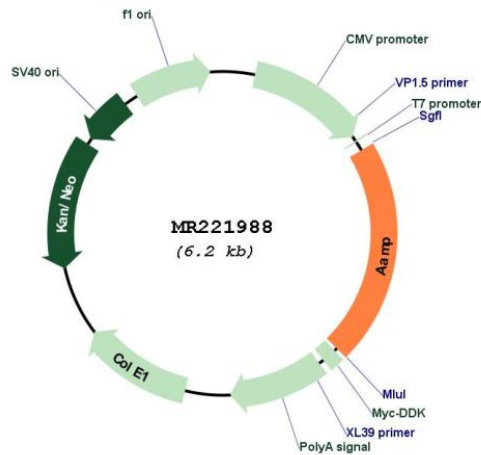
Restriction Sites:

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
MW:	47.4 kDa