

Product datasheet for **MC205388**

Aaas (NM_153416) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aaas (NM_153416) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aaas
Synonyms: AAA; ADRACALA; D030041N15Rik; GL003
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC025501

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CCACGCGTCCGGGAACTAAGATTCCGGGGAGCGCAGTCGTACCAGCCGGGAGCCTGTCGATTCCAGAC
GCTCTCCGGACTGGCAAGATGTGCTCCCTGGGGTTGTTCCCCCGCCGCCCTAGAGGTCAAGTCAACC
TGTATGAGCACAATAACGAGCTGGTGACCGGCAACAGCTATGAGAGCCCGCCTCCGACTTTCGGGGCCA
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ACAAGAACTGCCTTCATCCATCACCGTGAGCAAGTGTGGAAGAGATGCATCAATGTTTGGCATGATGTGG
GCCTTTTTGGCGTCTGAATGAAATTGCGAATTCAGAGGAAGAAGTGTGTTGAGTGGGTAAAGACAGCCTG
CAGCTGGGCCCTGGCTCTCTGTGGCCGCGCCTCCTCACTCCATGGCTCCCTGTTTCCACACCTCTCTCTC
AGGAGTGAAGATCTGATTGCTGAATTTGCCAAGTAACTAACTGGTCCAGCTGCTGCTTACGGGTCTTTG
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GGGGAGGCTCTATTGATGAAGTGCCTATTTACTGAGACATACCAACCTCTGCTCCTTGGGACCTCT
TCCAGGACAATCATCTGCTCAACCCCACTCCCCTATTCCCACTTGTAATAAAGTTTTTCTGTTTCCA
CTCAAAAAAAAAAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_153416
Insert Size:	1641 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>BC025501</u> , <u>AAH25501</u>
RefSeq Size:	1768 bp
RefSeq ORF:	1641 bp
Locus ID:	223921
UniProt ID:	<u>P58742</u>
Cytogenetics:	15 F3
Gene Summary:	Plays a role in the normal development of the peripheral and central nervous system. Required for the correct localization of aurora kinase AURKA and the microtubule minus end-binding protein NUMA1 as well as a subset of AURKA targets which ensures proper spindle formation and timely chromosome alignment.[UniProtKB/Swiss-Prot Function]