

Product datasheet for **RN207970**

Aaas (NM_001106795) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aaas (NM_001106795) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aaas
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207970 representing NM_001106795
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGCTCCCTGGGTTGTTTCCCCCGCCGCCCTAGAGGTCAAGTCACCTGTATGAGCACAATAACG
 AGCTGGTGACCGCAACAGCTATGAGAGCCCGCTCCCGACTTCCGGGGCCAGTGGATCAATCTTCCTGT
 CCTACACCTGACCAAGGATCCCCAAAAGCTCCTGGGAGGCTGGACCATGGTACAAGAGCTGCCTTCATC
 CATCATCGGGAGCAAGTGTGGAAGAGGTGCATCAATGTTTGGCACGATGTGGGTCTTTTTGGAGTCTGA
 ATGAAATTGCAAATTCAGAGGAAGAAGTGTGAGTGGGTAAAGACAGCCTCCAGCTGGGCCCTGGCTCT
 CTGTGGCCGGCCCTCCTCCCTCCATGGCTCCTTGTCCACACCTCTCACTCAGGAGTGAGGATCTGATT
 GCTGAATTTGCCAAGTCACTAACTGGTCCAGTGTCTTACGGGTCTTGCCTGGCATCTCACACCA
 ACAAGTTTGCAGTGGCCCTGCTGGATGACTCCATCCGTGTTTATAATGCCAACAGCACTATAGTTCCCTC
 CCTGAAGCACCGTCTACAGCGAAATGTGGCAGCACTGGCCTGGAAGCCCTCAGTGCCTCTGTCTTGGCT
 GTGGCCTGCCAGAGCTGTATTCTCATCTGGACCTGGACCCCACTTCTTATCTACGAGACCTCCTCTG
 GCTGCGCCAGGTCTTGTCTCACCTGGGCACACACCAGTCAACCAGCTTGGCTTGGGCCCAATGGGGG
 GTGGTGTCTCAGCCTCACCGTAGATGCTGTTATTCTGGTATGGGACGTTTCAACAGAAACCTGTGTC
 CCCCTTCTTGGTTCGAGGAGGAGGGTTACCAACTTGTGTGGTCCCCAGATGGCAGCAAAGTCTGG
 CTACAACCTCTCCGCTGTCTTTCGAGTCTGGGAGGCCGGATGTGGACTTGTGAGGGGTGGCCAACTCT
 CTCAGGGCGTGCCAGACTGGCTGCTGGAGTCCAGACGGAAAACGATTGTTGTTCACTGTATTGGGGAA
 GCATTAATTTATTCCTTGTCAATCCAGAACCATGTGGAACAGAGAAAGGACATGTTGGAGTGCAAAGT
 CAGCCACCATCGTAGCAGATCTTCTGAGACAACAATTCAGACCCAGATGGAGAGGAGACTCGGGGG
 AGAGGCTCAGCCATGGTTTGGGACCTAGTGGTGAACGACTGGCTGTGCTCATGAAAGGAAACCCACGG
 GTTCAGGATGGGAATCCTGTATCCTCCTTTTTCGAACTCGAAACAGCCCGTGTGTTGAGCTGCTTCCCT
 GTGGTGTATTACGGGGAGCCGGGAGCCCAAGCCAGCTCGTCAGCTTCCATCTGCTTCAACAAAGG
 GGCCTTGTCTCAGTGTGTGCTGGTCCACAGGCCGAATCACCCACATCCCTCTGTACTTTGTCAACGCCAA
 TTTCCACGCTTTAGCCAGTGTGGTGGGCCAGGAGCCCACTGGAGGTGGAGGCTCTGTTCATG
 AAGTACCCTATTTACTGAGACATACCAACCTCTGCCCTTGGGACCTCTTCCAGGACTACCATCTGC
 TCAACCCCACTCCCTCACTCCCACTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106795

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:

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_001106795.1](#), [NP_001100265.1](#)

RefSeq Size: 1911 bp

RefSeq ORF: 1641 bp

Locus ID: 300259

Cytogenetics: 7q36