

Product datasheet for **RN203504**

AstI (NM_001106504) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AstI (NM_001106504) Rat Untagged Clone
Tag:	Tag Free
Symbol:	AstI
Synonyms:	RGD1562279
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN203504 representing NM_001106504
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGGCGTGGGAAGCCTGTGGCCTTGATGTAACTTTGCTCTCCTTGACAGGTTTGATCCTAGGAG
 CACCCTCAGCATCCAGATGTTTCAGGAGTCTGCAGTACCAGTGTCCAGAAGGCTTCACTCCTGAGGGAAG
 CCGAGTATCTCAGGACAAGGACATCCCCCAATTAACCAAGGGCTCATCTCAGAGGAGACTCCAGAAAGC
 AGCTTCTCGGTAGAAGGGGACATCATTCGGCCAAGCCCCTTCGATTGTTGTAGTGACCAATAATAAAT
 GGCCCAAGGGTGTGATGGCATTGTGGAGATCCCCTTCTGCTCTCCAGCAAGTACGATGAACCCAGCCG
 CCAGGTCATTATGGAGGCCTTTGCCGAGTTTGAACGTTTCACGTGCATCCGGTTTGTGCCTACCGTGGT
 CAGAGAGATTTTGTCTATCCTTCCTATGGCAGGCTGCTTCTGCTGTGGGACGAGTGGAGGGATGC
 AGGTGGTATCCCTGGCACCCACTTGTCTCCAGAAGGGCCGGGCATTGCTCTACATGAACATCATGCACGT
 GCTCGGCTTCTGGCATGAGCATTCTCGGCAGATCGGGACCGCTACATCCGAGTGAAGTGAACGAGATC
 CTCCCAGGCTTTGAGATCAACTTCATCAAGTCTCGAAATAGCAATATGTTAGCTCCCTATGACTACTCGT
 CAGTGATGCATTATGGGAGGTTTGCCTTCAGCTGGCGTGGGCAGCCCACCATCATACCACTCTGGACTTC
 CAGTGTTACATTGGCCAGCGATGGAACCTGAGCACCTCAGATATCACCCGGGTCTGCCGGTTGTACAGC
 TGCAGCCCAAGTGTCCCTGACTCCCACGGGAGAGGGTTCGAGGCCCCAGTGTGGGAGAAGCCCCACTC
 CTGCCTCTATATCACATCTACAAAGACTTCTGGAGGCACTGTGAGAAGATCTAGAAGCTCTGCCCCAG
 TGGCTCTGGGACTGGAGGCCAGGATATTATTGCTGGGTTTGTAGACAGCCAGCAAGGATGGGAACACCT
 GCTCAGAGCACATTAGTGTGGGAGCCTTGGCAAGATCACCTCAAATGCTGGCCGCTGCTCAAAATCGA
 GGCTTGGAGCAGGTGCAGACAGCATTCTCTAGAGCAGTTCAGCCAGCCAGGCACCCGCTGTACCCCC
 TGTTCATTTCAGATGCCAGAGACAAGCCAACCTATCCAAGATGCCTTTGCGAGGCTAGCTCTGCTT
 CCAGGAGGCTGTGCACCTGGAAGTCACATCAGAGAGGTGCCAGAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106504

Insert Size: 1311 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_001106504.1, NP_001099974.1

RefSeq Size:	2250 bp
RefSeq ORF:	1311 bp
Locus ID:	296129
Cytogenetics:	3q36