

Product datasheet for **RN201382**

Aste1 (NM_001040156) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aste1 (NM_001040156) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aste1
Synonyms:	RGD1304643
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201382 representing NM_001040156
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTATCCGGGACTTATGAGTTTTGTGGAAGATTATAGTAATGAATCTTCGTTGATTGAAATTGC
 GGGACACAAAAATTATCATTGATGGCTATTCTCTTTCCACCGACTTTGCTTCAATTCGAACTTGGAGCT
 CAGGTATGGAGGGGACTATGATTCGTTTGCAGATGTTGTACAGAAATCTTTGAATCACTGTTTGCTTGT
 CATATTTGCCCGTATGTTGTATTAGATGGAGGATGTGATATTACAGATAAAAAGCTGACAACTTTGAAGG
 ATCGCGCTAGAGAGAAGATCCAAGCGGCCATTCCCTCTCTGTTGGTGGGGTGGGAATGTGTGCCCTT
 ACTCATCCGAGAAGTGTTCATACAGTTTTGATCAGGCTTAAGGTCTGTTTTGCCAGAGCTTTTCAGAA
 GCAGATCGGGACATTATGACACTTGCCAATCACTGGAATTGTCCCGTGTATCATCAGACAGTGACTTTT
 GCATTTTTGACCTAAAAAGTGGTTTTGCCCGCTGAATAGCTTTCAGTGGAGAAATCTGGACACTATTAA
 GGATACACAAGATTACTATATTCCTGCCAAAAGCTTTCCCTTGATGCATTCTGCCATTACTTCAACAAC
 ATGAACAAGGCTCTACTGCCTCTCTTTGCGGTGCTATGTGGGAACGACCATGTTAATCTGCCCATCATGG
 AGACATTACATAAGTAAAGTACGTCTACCTTTAGTTCTAAGGGGAGGAGATATCACCGAGTTCTGGGACT
 TCTGAAGTGGTTGCTAATTTTCGATGACCCACGGAAGCACTAGATAACGTTCTAAAGTCTCTCCAAAA
 AAGAGTCGAGAGACTGTTTCGGGAACCTCTCTGCTGTTCTATGGAAGAGTACCAGCAGTCCAGGTGAAGC
 TGCAGGACTTTTTCCAGTACGGGACTTACGTCTGTACAGATGCCTTGAATCTGGGTTTACCAGGGTGGGT
 ACTAGCAGCTCTGGCCAAAGCCAGCTACCACCTTTCATCAGTGATGCTTTGGTGCTCCGAAGGACCTTT
 CTTACATACACAAGTAGAAAAATATGCAGCGACCAATGCCACAGAGTATCTCAGCCATCCGGCAAAATCA
 TCTATGGACTCCTTTTGAATGCCCATCACATCCAGAAGATAAATCTCCGAATACATTGCCTTCCAGCT
 TCTGGCTTTCATGAAGTGGAAAGAAATTAACAAATATCAAAACATCAACTGTTTATGTGAAACAACCTG
 CTCAAGGATCATTGTGACTTGAGCAAATTGGCTGAGCTCCCTTGTCTAGACGGCAGATGCTTCTGTTAG
 AAGCCCTGAAGGTCAAACAGGTTGTCTGGAGTCCATCCCTACTTCTCTGAAGTTGCCATTGCTGTGAC
 TTGTTACTGGTTGCAGTCCACAGAGGCCAAGGCAAAGCTCCATCATCTGCAGGCCCTACTGCTGGGGATG
 CTGAGGGAGCCCTTACATGTCATCATCAACAGCCCTGATAGTGAAGATCCACGGAGAGGTGGTGCCAAGA
 TGCTGTATGAAGAATTACAACAGGTGAAGGCAGCCATGCGGCCGGTCCCAGATTGGATTAGACACAGC
 CCACGTCTTCTGTCAGTGGCAGTCTGTCTCCAGATGGGCTTGTATCTCAATCAGCTGCTGTCCACTCCT
 CTGCCAGAGCCAAACCTAACTTGGTTGTACAATGGAAGCCTGGTCCACAGACTCTGCCAGCAACTGCTAG
 CATCTTGTCTGCAGAAAGCCTCCTGAGCATATGTCCTGAGGCAAGGCAACTTTATGAACATCTGTTTCAG
 TGCCACAAGATCATATGCCCCAGCTGAATTGTTTTACAAAAGCTACATCAAAATCAAAAAAAGGAGG
 CAGAAGAAGAAGATTGCCAGCCTGGGAACCACTTCAGACACCAAGCACTGGTATGACAGAAGCAACCGGT
 TTAGTCTGTTAGTGCTTGAAAGCTCGGAGGAACATGTAGAGAACGCAGAGCTTGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001040156

Insert Size: 2019 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_001040156.2](#), [NP_001035246.2](#)

RefSeq Size: 2424 bp

RefSeq ORF: 2019 bp

Locus ID: 363130

Cytogenetics: 8q32