

Product datasheet for MC217825

Aste1 (NM_001164828) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Aste1

Synonyms: 1100001A21Rik; AV006403

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC217825 representing NM_001164828
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTGTATGAAGAATTATGCCAGGTGAAGGCACCCATGCGGCCGGGTCCAAGAGTGGATTTAGACACAG
CGCACGTCTTCTGTCACTGGCAGTCTGTCTCCAGATGGGGTTATATCTCAACCAGCTGCTGTCCACTCC
TCTGCCAGAGCCAAACCTAAGTTGGTTGTACAACGGAAGCCTGGTCCACAGACTCTGCCAGCACTGCCA
GCATCTAGTTCTGTAGAAAGCCTCTGAGTCTATGTCCTGAGGCAAGCACTTTATGAACATCTGTTCA
ATGCCACAAAATCATATGCCCGAGCTGAATTGTTCTTACCAAAAATAAATCAAAATCCAAAAAAGAG
GCAGAAGAAAAGGTTGCCAGCCTGGGAACCACTGCAGATGCCAAGCACTGGTATGACAGAAGCAACCGG
TTTGGACCGTTAATGCCTGAAAGCTTGGAGGAGCATGTAGAGAAGCTCAGAGCTTGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164828

Insert Size: 480 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001164828.1</u> , <u>NP_001158300.1</u>
RefSeq Size:	1238 bp
RefSeq ORF:	480 bp
Locus ID:	66595
Cytogenetics:	9 F1
Gene Summary:	Possible role in EGF receptor signaling.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.