

Product datasheet for **SC337257**

ASTE1 (NM_001288950) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASTE1 (NM_001288950) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASTE1
Synonyms:	HT001
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001288950, the custom clone sequence may differ by one or more nucleotides

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ATGGGTATCCGAGGACTAATGAGTTTTGTGAAGATCATAGTAATGAGTTCTTCACTGATTGAAGTTGC
GGGACACAAAAATTGTCATTGATGGTTATGCTCTTTCCACCGTCTTTGCTTCAGTTCAAACCTGGATCT
CCGGTATGGAGGGGACTATGATTCCTTTGCAGATGTTGTACAAAAATTCTTTGAATCACTGTTTGCTTGT
AATATATGCCCATATGTTGTATTAGATGGAGGATGTGACATTTTCAGATAAAAAGCTTACAACCTTAAAGG
ATAGAGCTAGAGAGAAGATCCAGATGGCCATTCCCTTTCTGTTGGTGGGAGTGGGTACGTATGTCCTT
ACTCATCCGGGAAGTATTCATACAGTTTTGATCAAGCTGCGGGTGTGTTTTGTCCAGTGCTTTTCAGAA
GCAGATCGGGACATTATGACACTTGCTAACCTTGAATTGCCCTGTGTTATCATCAGATAGTGACTTTT
GCATTTTTGACCTGAAAACCTGGTTTTGCCCATGAATAGCTTTCAGTGGAGAAATGAACACTATTAA
GGGCACACAAAATATCCCTGCCAAATGCTTTCCCTTGATGCATTCTGCCATCACTTCAGCAATATG
AATAAAGCTCTACTACCTCTCTTTGCGGTGCTATGTGAAATGACCATGTTAATCTACCCATCATGGAGA
CATTCTTAAGTAAAGCGCTCTTCTCTTGAGCTACCAGTTCTAAAGGGAGGAGACACCACCGAATCCT
GGGACTTCTGAATTGGTTGTCTCATTTTGCCAACCTACCGAAGCACTAGATAATGTTCTGAAATACCTC
CCAAAAAGGATCGAGAAAATGTTAAGGAACCTCTCTGCTGTTCCATGGAAGAATACCAACAGTCCCAGG
TGAAGCTACAGGACTTCTTCCAGTGTGGTACTTATGTCTGTCCAGATGCCTTGAATCTTGGTTTACCAGA
ATGGGTATTAGTGGCTTTAGCTAAAGGCCAGCTATCTCCTTTCATCAGTGATGCTTTGGTCTAAGACGG
ACCATCTTCCCACACAGGTGGAACATGCAGCAACCAATGCCACAGAATATCTCAGCCCATCAGGC
AAATCATCTATGGGCTTCTTTAAATGCCTCACCACATCTGGACAAGACATCCTGGAATGCATTGCCTCC
TCAGCCTCTAGCTTTCAGTGAAGTGAAAGGATTAATAAAATATCAGAACCTCAATCATTGATGCAGTA
GAACTGGCCAAGGATCATTCTGACTTAAGCAGATTGACTGAGCTCTCCTTGAGGAGCGGCAGATGCTTC
TGTTAGAAACCCTGAAGGTGAAACAGACCATCTGGAGCCAATCCCTACTTCACTGAAGTTGCCATTGC
TGTCAGTTGCTACTGTTGCAGCACACCGAGACCAAAGCAAAGCTACATCATCTACAATCCTTACTGCTC
ACAATGCTAGTGGGGCCCTTGATTGCCATAATCAACAGCCCTGGTAAGGAAGAGCTGCAGGAAGATGGTG
CTAAGATGTTGTATGCAGAGTTCCAAAGAGTGAAGGCGCAGACACGGCTGGGCACAAGACTGGACTTAGA
CACAGCTCACATCTTCTGTCAGTGGCAGTCTGTCTCCAGATGGGGATGTATCTCAACCAGCTGCTGTCC
ACTCCTCTCCAGAGCCAGACCTAACTCGCCCCAGTGCCTTCAATACTTTGAATGAGGATATATGGACGC
ATACAAAATATGGTGGGACTTTACATGTTTCAAGACTGTACAGTGAAGCCTGGTGCACGGACTATGCCA
GCAACTGCTAGCATCGACCTCTGTAGAAAGTCTCCTGAGCATATGTCCTGAGGCTAAGCAACTTTATGAA
TATCTATTCAATGCCACAAGGTATATGCCCCGCTGAAATATTCTACCAAAGGTAGATCAAATTCAA
AAAAAAAAGGCAGAAGAAACAGAATACCAGCTGTTCTAAGAACAGAGGGAGAACCAGTGCACACACCA
GTGTTGGTATGAGGGAACAACCGGTTTGGGTTGTTAATGGTTGAAAACCTAGAGGAACATAGTGAGGCC
TCCAACATTGAATAA
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Restriction Sites: Sgfl-MluI

ACCN: NM_001288950

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:	<u>NM_001288950.1, NP_001275879.1</u>
RefSeq Size:	2586 bp
RefSeq ORF:	2115 bp
Locus ID:	28990
UniProt ID:	<u>Q2TB18</u>
Cytogenetics:	3q22.1
Gene Summary:	Possible role in EGF receptor signaling.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).