

Product datasheet for **SC205082**

ETAA1 (NM_019002) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ETAA1 (NM_019002) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ETAA1
Synonyms:	ETAA16
ACCN:	NM_019002
Insert Size:	2000 bp



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Insert Sequence:

>SC205082 3'UTR clone of NM_019002

The sequence shown below is from the reference sequence of NM_019002. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTAAATGCAGCTCCCACTTCATTTCTTTAATGAAATATTAGTTGGAAGACTTCACGAAGACTGCTGATA
ACTATCTGTGATTGATAGGAAATTTTTTTTCTTGATTTCTCTGTGAGAAATGTAATGCTGACTTTTATA
AAGCCTGGACTTCTACTTTATTTAATAAATCAATGTTTGAATGGTAAATGAAACATTTCCCTGGACAT
GTATTTGAAAGTCATTAAATACAAAAGTTTGGAAATTCAGGAAAGTTAGCAATTATGTACGGATATTA
TACAGAGGAAAGTAGTTATTTTTAAATGCTATTATTGCAGAGGATCATCAAAAAGAGGTAATCTAC
GTTATTTCTATTCTAATGTCTTTTCTAATAAAAAACTTCAACTTTCTAAGTTAGTAGAGACTGTTTT
TGTAGTTTTACTTTCATTAAGTGTGCTTAAGGTTTTTATACACTCCAGATTTTAAATTAACTTTCA
TATTTCTAGGAACATGGTTGATGAAATAAAGGACTTTTTTATTTGTAAGGAAATATGTTCAAGTCTT
AGAAGTGGATTTGAATTTAATAAATTCTAAAATGTGACACATTTTGGAACTTTCCACCATATTTAGGA
AACTTTGATTTAGAAGTCTAACATAGAGGAAAAGAAGTAGTGGATTGCTACAAAAGTAAATGTGGCA
TCATTAACATTTAGAAGTGGCAGAACTTCATATGTCTCTGGTCCAGCTTCTTATTGTATCGGTGAG
AAAAAGTAATACTGTTTTCAAAGTCATAGGCAAGTTAATGCTGTGCTACAATTAGAATGATTTATTTGG
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TATTTTGTCTTAAAGAATTAGTCTTTCCAGGATATAAAAATGAGAATCTTTTTTCTTTTTCAGTTTTTCT
GTAAGTAAATTTTCCCCTCAATTAATTTACTTACTTACTTACTTACTTACTTACTTACTTACTTACTTACT
TTTTTCTTTTTTGGCCATTTTGCCATTTTGGAATTTGCTAAACCAGTAATAGAAGTCCAACCTAGAGGG
CGTAAGGCAGGGAGGATGCTTTATTTCTTAAATGGTTTTAGGAGATCTAGAGAAAAGTTAGAGATATG
AAACACCTGTCTGTTGTCATTTATCACTATCAAGTGTCTCAAAGCTGTGATAATATGGTAGTTACT
GCCCTATAGCTATACAGATACTCCTCAACTTACCGTGTAGTTACATCCCAATAAACCCATCATGAGTTG
AAAATACCTTAAGTTAAAAATGCATTTACTACACTTAATCTACCAGACAACATAGCTTAGCTTAGCCTA
CCTTAAACATGCTCAAATCACTTATATTAGCCTAGAGTTGGGCACATCATCTGGCAATACGGCACACTG
TAGAGTATCAGTTGAGCTGATGCCAGCATCGTGAGAATGTTGTACCACATATCTCTAGCCTGGGAAAG
AATCAAACCTTTAAAGTATGGTTTCTATTGGACGCATATCACTTTTGCATCACGTTAGAGTTGAAAAATT
GTAAGTCAACCATTTAAGTTGGAGACTGTACATCAAAAATGGTATTTTCATATCTACAGTGGAGTACT
GGAGTTTAGCTAACCTATATTATTTTCCAGGAATATATAATAACCTAGATAAATGCAAGTAGTTTCTA
TGTACAAAATAAAGAGCTGAGAATCTTTTACTAAAAGTGGCTTCACTGTGTTCTGACTATGCTTTGGA
TATCTCTGTCTTGTCTTAAAGCTCCTCCCTGCTTACTGCTTGTCTTTTTTAAAGTACTTTTAGCCTATTC
TGTTTCATTCATTTAGACTCAGCCTAATAAGTCTGTTTGAACCTCGTACCTAACCTCTTCACTGGAAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_019002.4](#)

Summary: Replication stress response protein that accumulates at DNA damage sites and promotes replication fork progression and integrity (PubMed:27601467, PubMed:27723720, PubMed:27723717). Recruited to stalled replication forks via interaction with the RPA complex and directly stimulates ATR kinase activity independently of TOPBP1 (PubMed:27723720, PubMed:27723717). Probably only regulates a subset of ATR targets (PubMed:27723720, PubMed:27723717).[UniProtKB/Swiss-Prot Function]

Locus ID: 54465

MW: 78