

Product datasheet for **SC123166**

TENR (ADAD1) (NM_139243) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENR (ADAD1) (NM_139243) Human Untagged Clone
Tag:	Tag Free
Symbol:	TENR
Synonyms:	Tenr
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_139243 edited
 CAGGGGCGACGCGAGGCCTCTTTTGAAAGATGCGGCCCTGACCCTGTGAACCTCGCGCAG
 AGCGGCCTGAAGCGAGAGGTTGAGGCTGGGAGGTGAGAAAATGGCTAGCAACAATCATTG
 GTTTCAGAGTTCGAGGTCCCCAGCTTTGCCAGATGCTGAAAAAGAACCTGCCAGTTCA
 ACCAGCGACAAAGACGATAACTACCCACAGGATGGTCCTCAGAAAGTTACGGCCTGTC
 CAAGATGGCATCCAAGGTTACGCAAGTAACGGGTAATTTTCCAGAGCCGTTGCTTTCCAA
 GAATCTTTTCATCTATTTCAAATCCTGTCCTTCTCCAAAAAATACCTAAGGAATTTAT
 AATGAAATACAAACGTGGAGAGATAAATCCTGTGTGAGCCTTGACCAAGTTTGACAAAT
 GCAGCGAGTTCAGCTTGACCTTAAGGAACTGTGACAACAGGTAATGTTATGGGACCATA
 TTTTGCCTTTTGTGCTGTGGTGGATGGTATTAGTACAAGACTGGACTGGGACAAAATAA
 AAAGGAGTCTAGATCCAATGCAGCAAAATTAGCTCTTGATGAGCTTCTACAAGTGGATGA
 ACCTGAACCACGAATTTAGAAACATCAGGTCTCTCTCTTCCCTGCAGAACCTGTTGT
 TTTATCTGAAGTACATATGTTTCAAAGTACATTATGAAGGGAGACATATTCAATATGC
 AAAGATTTACAGATCGTTAAAGAAAGATTTAATCAACTAATTTCTAATCGTTCAGAATA
 CCTGAAATATAGCAGTTCATTGGCTGCTTTTATAATTGAAAGAGCTGGACAACATGAGGT
 TGTAGCTATAGGCACAGGTGAATACAATTACAGCCAGGACATTAAAGCCAGATGGAAGAGT
 ATTGCATGACACTCATGTGTTGTACAGCAAGAAGGTCTCTTCTAGCAAAAATCCTGC
 TATGATGGAAAAATCAATATTTGTACAGAACCAACTTCTAATCTACTCACTCTTAAACA
 GAATATCAACATTTGCCTTTACATGAACCAAGTTGCCTAAAGGATCAGCCAGATTAAGTC
 ACAGTTACGTCTTAATCCACATTCTATATCTGCATTTGAAGCCAATGAAGAACTGTGCT
 CCACGTGGCTGTTGAAGGCAAAATTTATCTGACTGTTTACTGCTAAAGATGGTGTTAA
 TAGAATAAGCAGTATGTCCTCAAGTGACAAATTGACCAGATGGGAAGTGTGGTGATACA
 GGGAGCATTGCTGAGTCATTTTATACAGCCAGTTTACATCAGCAGTATACTTATTGGTGA
 TGGGAATTGCAGTGATACCAAGGCTTAGAAATCGCTATAAAGCAACGTGTTGATGATGC
 ACTCACTTCAAACTTCCAATGTTTTACTTAGTCAACAGACCTCATATTAGTTTAGTACC
 CTCTGCATATCCCTTCAAATGAACTTGGAAATATAAATTTCTGAGTCTGAATTGGGCACA
 AGGAGATGTTTCTTTGGAGATTGTGGATGGCCTGAGTGGGAAGTCACTGAAAGTTCCCC
 ATTTAAAGTGGTATGTCAATGGCAAGTCGGCTTTGTAAGGCTGCAATGTTAAGTCGGTT
 TAACCTGCTTGCCAAAGAAGCTAAAAAAGAATTACTTGAAGCTGGTACATATCATGCAGC
 TAAGTGTATGTCTGCCTCTATCAAGAAGCTAAATGTAAGTTGAAATCCTACTTACAACA
 ACATGGCTATGGATCCTGGATTGTGAAATCTCCCTGCATAGAGCAATTTAACATGTGAAA
 TAGGCAATCCATTATCACATTAATAATCTGTTTTGTTTGGTGTGTTTTGAAAAA
 AA
 AAAAAAAAAAAAAA

**5' Read Nucleotide
 Sequence:**

>OriGene 5' read for NM_139243 unedited
 TAAATTTTGTAAATACGACTCACTATAGGNNCGGCCGNAATCCCGGNTCAGGGGCG
 ACGCGAGGCCTCTTTTGAAGAGCGGCCCTGACCCTGTGAACCTCGCGCAGAGCGGCCTG
 AAGCGAGAGGTTGAGGCTGGGAGGTGAGAAAATGGCTAGCAACAATCATTGGTTTCAGAG
 TTCGAGGTCCCCAGCTTTGCCAGATGCTGAAAAATATTCTGCCAGTTCAACCAGCGA
 CAAAGACGATAACTACCCACAGGATGGTCCTCAGAAAGTTACGGCCTGTCCAAGATGG
 CATCCAAGGTTACGCAAGTAACGGGTAATTTTCCAGAGCCGTTGCTTTCCAAGAATCTTT
 CATCTATTTCAAATCCTGTCCTTCTCCAAAAAATACCTAAGGAATTTATAATGAAAT
 ACAAACCTGGAGAGATAAATCCTGTGTGAGCCTTGACCAAGTTTGACAAATGCAGCGAG
 TTCAGCTTGACCTTAAGGAACTGTGACAACAGGTAATGTTATGGGACCATATTTTGCCC
 TTTGTGCTGTGGTGGATGGTATTAGTACCAGACTGGCCTGGGACAAATAAAAAGGAGTC
 TAGATCCCATGCACCAAAATAAGCTCTTGAGGAACTTCTCCACTTGGTGAAACCTGAACC
 ACGAAGTTTTAAAAACTACGGGTCTTCTTCTTTCTTGGAGAACCCTGTTGTTTTA
 ACCTGACCTAGCTATGTTTTAAAGATCCCTTTTAAAGGGGACCATTTCGAATATCCA
 AAATTTCCCGATCCGTTAAGAAAGATTTAACCACCTAATTTTTAAATTTTCAAATCC
 CTGAATATAACCATCCATTGGCTCGCTTTTATTTGGAACCCGGGACAAAAGGTGTGG
 CTTTGGCCAGGTAATCACTTCCGCCCGGATTTTCCAATCGGAAATTTTCT

Restriction Sites:	Please inquire
ACCN:	NM_139243
Insert Size:	1935 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:	<u>NM_139243.1, NP_640336.1</u>
RefSeq Size:	1962 bp
RefSeq ORF:	1731 bp
Locus ID:	132612
UniProt ID:	<u>Q96M93</u>
Cytogenetics:	4q27
Protein Families:	Druggable Genome
Gene Summary:	Plays a role in spermatogenesis. Binds to RNA but not to DNA (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).