

Product datasheet for **SC327087**

TENR (ADAD1) (NM_001159295) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENR (ADAD1) (NM_001159295) Human Untagged Clone
Tag:	Tag Free
Symbol:	TENR
Synonyms:	Tenr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC327087 representing NM_001159295.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGAAAAAGAACCTGCCAGTTCAACCAGCGACAAAGACGATAACTACACCCACAGGATGGTCTCTCA
GAAAGTTACGGCCTGTCCAAGATGGCATCCAAGTTACGCAAGTAACGGGTAATTTCCAGAGCCGTTG
CTTCCAAGAATCTTTCATCTATTTCAAATCCTGTCTTCTCCAAAAAATACCTAAGGAATTTATA
ATGAAATACAAACGTGGAGAGATAAATCCTGTGTGAGCCTTGCACCAGTTTGACAAATGCAGCGAGTT
CAGCTTGACCTTAAGGAACTGTGACAACAGGTAATGTTATGGGACCATATTTGCCTTTTGTGCTGTG
GTGGATGGTATTAGTACAAGACTGGACTGGGACAAAATAAAAGGAGTCTAGATCCAATGCAGCAAAA
TTAGCTCTTGATGAGCTTCTACAACCTGGATGAACCTGAACCACGAATTTAGAAACATCAGGTCTCTCT
CCTTTCCCTGCAGAACCTGTTGTTTTATCTGAACCTAGCATATGTTTCAAAGTACATTATGAAGGGAGA
CATATTCAATATGCAAAGATTTACAGATCGTTAAAGAAAGATTTAATCAACTAATTTCTAATCGTTCA
GAATACCTGAAATATAGCAGTTTATTGGCTGCTTTTATAATTGAAAGAGCTGGACAACATGAGGTGTGA
GCTATAGGCACAGGTGAATACAATTACAGCCAGGACATTAAGCCAGATGGAAGAGTATTGCATGACACT
CATGCTGTTGTTACAGCAAGAAGGTCTCTTCTTAGGTACTTTTATAGACAACCTTCTGCTCTTCTACAGC
AAAAATCCTGCTATGATGGAAAAATCAATATTTGTACAGAACCACTTCTAATCTACTCACTCTTAAA
CAGAATATCAACATTTGCCTTTACATGAACAGTTGCCTAAAGGATCAGCCAGATTAAGTCACAGTTA
CGTCTTAATCCACATTCTATATCTGCATTTGAAGCCAATGAAGAACTCTGTCTCCACGTGGCTGTTGAA
GGCAAAATTTATCTGACTGTTTACTGTCTAAAGATGGTGTTAATAGAATAAGCAGTATGTCCTCAAGT
GACAAATTGACCAGATGGGAAGTGCTTGGTGACAGGGAGCATTGCTGAGTCATTTTATACAGCCAGTT
TACATCAGCAGTATACTTATTGGTGATGGGAATTGCAGTGATACCAGAGGCTTAGAAATCGCTATAAAG
CAACGTGTTGATGATGCACTCACTTCAAACTTCCAATGTTTTACTTAGTCAACAGACCTCATATTAGT
TTAGTACCCTCTGCATATCCCCTTCAAATGAACCTTGAATATAAATTTCTGAGTCTGAATTGGGCACAA
GGAGATGTTTCTTTGGAGATTGTGGATGGCCTGAGTGGGAAGTCACTGAAAGTTCCCCATTTAAAAGT
GGTATGTCAATGGCAAGTCGGCTTTGTAAGGCTGCAATGTTAAGTCGGTTTAACTGCTTGCCAAAGAA
GCTAAAAAGAATTACTTGAAGCTGGTACATATCATGCAGCTAAGTGTATGTCTGCCTCTATCAAGAA
GCTAAATGTAAGTTGAAATCCTACTTACAACAACATGGCTATGGATCCTGGATTGTGAAATCTCCCTGC
ATAGAGCAATTTAACATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001159295

Insert Size: 1677 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001159295.1</u>
RefSeq Size:	2012 bp
RefSeq ORF:	1677 bp
Locus ID:	132612
UniProt ID:	<u>Q96M93</u>
Cytogenetics:	4q27
Protein Families:	Druggable Genome
MW:	62.4 kDa
Gene Summary:	Plays a role in spermatogenesis. Binds to RNA but not to DNA (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.