

Product datasheet for **SC327596**

TENR (ADAD1) (NM_001159285) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENR (ADAD1) (NM_001159285) 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:	>NCBI ORF sequence for NM_001159285, the custom clone sequence may differ by one or more nucleotides <pre> ATGGCTAGCAACAATCATTGGTTTCAGAGTTCGCAGGTCCCCAGCTTTGCCAGATGCTG AAAAAGAACCTGCCAGTTCAACCAGCGACAAAGACGATAACTACCCACAGGATGGTCC TCAGAAAGTTACGGCCTGTCCAAGATGGCATCCAAGGTTACGCAAGTAACGGGTAATTTT CCAGAGCCGTTGCTTTCCAAGAATCTTTCATCTATTTCAAATCCTGTCCTTCTCCAAAA AAAATACCTAAGGAATTTATAATGAAATACAAACGTGGAGAGATAAATCCTGTGTACGCC TTGCACCAGTTTGCACAAATGCAGCGAGTTCAGCTTGACCTTAAGGAAACTGTGACAACA GGTAATGTTATGGGACCATATTTTGCCTTTTGTGCTGTGGTGGATGGTATTCAGTACAAG ACTGGACTGGGACAAAATAAAAAGGAGTCTAGATCCAATGCAGCAAAATTAGCTCTTGAT GAGCTTCTACAACCTGGATGAACCTGAACCACGAATTTTAGAAACATCAGGTCCTCCTCT TTCCCTGCAGAACCTGTTGTTTTATCTGAAGTACATATGTTTCAAAGTACATTATGAA GGGAGACATATTCAATATGCAAAGATTTACAGATCGTTAAAGAAAGATTTAATCAACTA ATTTCTAATCGTTCAGAATACCTGAAATATAGCAGTTCATTGGCTGCTTTTATAATTGAA AGAGCTGGACAACATGAGGTTGTAGCTATAGGCACAGGTGAATACAATTACAGCCAGGAC ATTAAGCCAGATGGAAGAGTATTGCATGACACTCATGCTGTTGTTACAGCAAGAAGGTCT CTTCTTAGCAAAAATCCTGCTATGATGGAAAAATCAATATTTGTACAGAACCACTTCT AATCTACTCACTCTTAACAGAAATATCAACATTTGCCTTTACATGAACCAGTTGCCTAAA GGATCAGCCCAGATTAAGTCACAGTTACGTCTTAATCCACATTCTATATCTGCATTTGAA GCCAATGAAGAACTCTGTCTCCACGTGGCTGTTGAAGGCAAAATTTATCTGACTGTTTAC TGTCCTAAAGATGGTGTTAATAGAATAAGCAGTATGTCCTCAAGTGACAAATTGACCAGA TGGGAAGTGCTTGGTGACAGGGAGCATTGCTGAGTCATTTTATACAGCCAGTTTACATC AGCAGTATACTTATTGGTGATGGGAATTGCAGTGATACCAGAGGCTTAGAAATCGCTATA AAGCAACGTGTTGATGATGCACTCACTTCAAACTTCCAATGTTTTACTTAGTCAACAGA CCTCATATTAGTTTAGTACCCTCTGCATATCCCCTTCAAATGAAGTTGGAATATAAATTT CTGAGTCTGAATTGGGCACAAGGAGATGTTTCTTTGGAGATTGTGGATGGCCTGAGTGGG AAGATCACTGAAAGTTCCCCATTTAAAAGTGGTATGTCAATGGCAAGTCGGCTTTGTAAG GCTGCAATGTTAAGTCGGTTTAACTGCTTGCCAAAGAAGCTAAAAAAGAATTACTTGAA GCTGGTACATATCATGCAGCTAAGTGTATGTCTGCCTCTATCAAGAAGCTAAATGTAAG TTGAAATCCTACTTACAACAACATGGCTATGGATCCTGGATTGTGAAATCTCCCTGCATA GAGCAATTTAACATG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001159285
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_001159285.1, NP_001152757.1</u>
RefSeq Size:	1915 bp
RefSeq ORF:	1698 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 (2) differs in the 5' UTR and uses an alternate in-frame splice site in the middle portion of the coding region compared to variant 1. This results in a shorter protein (isoform 2) compared to isoform 1.