

Product datasheet for **RG219932**

TENR (ADAD1) (NM_139243) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENR (ADAD1) (NM_139243) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TENR
Synonyms:	Tenr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG219932 representing NM_139243
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCTAGCAACAATCATTGGTTTCAGAGTTCGAGGTCCCCAGCTTTGCCAGATGCTGAAAAAGAACC
 TGCCAGTTCAACCAGCGACAAAGACGATAACTACACCCACAGGATGGTCCTCAGAAAGTTACGGCCTGTC
 CAAGATGGCATCCAAGGTTACGCAAGTAACGGGTAATTTTCCAGAGCCGTTGCTTTCCAAGAATCTTTCA
 TCTATTTCAAATCCTGTCTCTCTCCAAAAAAAATACCTAAGGAATTTATAATGAAATACAAACGTGGAG
 AGATAAATCCTGTGTCAGCCTTGACCAGTTTGCACAAATGCAGCGAGTTCAGCTTGACCTTAAGGAAAC
 TGTGACAAACAGGTAATGTTATGGGACCATATTTGCCTTTTGTGCTGTGGTGGATGGTATTCAGTACAAG
 ACTGGACTGGGACAAAAATAAAGGAGTCTAGATCCAATGCAGCAAAATAGCTCTTGATGAGCTTCTAC
 AACTGGATGAACCTGAACCACGAATTTAGAAACATCAGGTCTCTCTCTTCCCTGCAGAACCTGTTGT
 TTTATCTGAAGTACATATGTTTCAAAGTACATTATGAAGGGAGACATATTCAATATGCAAAGATTTCA
 CAGATCGTTAAAGAAAGATTTAATCAACTAATTTCTAATCGTTCCAGAATACCTGAAATATAGCAGTTCAT
 TGGCTGCTTTTATAATTGAAAGAGCTGGACAACATGAGGTTGTAGCTATAGGCACAGGTGAATACAATTA
 CAGCCAGGACATTAAGCCAGATGGAAGAGTATTGCATGACACTCATGCTGTTGTTACAGCAAGAAGGTCT
 CTTCTTAGGTACTTTTATAGACAACTTCTGCTCTTCTACAGCAAAAAATCTGCTATGATGAAAAATCAA
 TATTTTGTACAGAACCACTTCTAATCTACTACTCTTAAACAGAATATCAACATTTGCCTTTACATGAA
 CCAGTTGCCTAAAGGATCAGCCAGATTAAGTCACAGTTACGTCTTAATCCACATTCTATATCTGCATTT
 GAAGCCAATGAAGAACTCTGTCTCCACGTGGCTGTTGAAGGCAAAATTTATCTGACTGTTTACTGTCTTA
 AAGATGGTGTTAATAGAATAAGCAGTATGTCTCAAGTGACAAATTGACCAGATGGGAAGTCTTGGTGT
 ACAGGGAGCATTGCTGAGTCATTTTATACAGCCAGTTTACATCAGCAGTATACTTATTGGTGATGGGAAT
 TGCAGTGATACCAGAGGCTTAGAAATCGCTATAAAGCAACGTGTTGATGATGCACTCACTTCAAACTTC
 CAATGTTTTACTTAGTCAACAGACCTCATATTAGTTTAGTACCCTCTGCATATCCCTTCAAATGAAGT
 GGAATATAAATTTCTGAGTCTGAATTGGGCACAAGGAGATGTTTCTTTGGAGATTGTGGATGGCCTGAGT
 GGGAGATCACTGAAAGTTCCCATTTAAAGTGGTATGTCAATGGCAAGTCGGCTTTGAAGGCTGCAA
 TGTTAAGTCGGTTAACCTGCTTGCCAAAGAAGCTAAAAAGAATTACTTGAAGCTGGTACATATCATGC
 AGCTAAGTGTATGTCTGCCTCTATCAAGAAGCTAAATGTAAGTTGAAATCCTACTTACAACAACATGGC
 TATGGATCCTGGATTGTGAAATCTCCCTGCATAGAGCAATTTAACATG

ACGCGTACGCGGCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG219932 representing NM_139243
 Red=Cloning site Green=Tags(s)

MASNNHWFQSSQVPSFAQMLKKNLPVQPATKTITPTGWSSSESYGLSKMASKVTQVTGNFPEPLLSKNLS
 SISNPVLPPKKIPKEFIMKYKRGEINPVSAHQFAQMQRVQLDLKETVTTGNVMGPYAFCAVVDGIQYK
 TGLGQNKESRSNAAKLALDELLQLDEPEPRIETSGPPPFPAEPVVLSELAYVSKVHYEGRHIQYAKIS
 QIVKERFNQLISNRSEYLYSSSLAAFIIERAGQHEVVAIGTGEYNYSQDIKPDGRVLHDTHAVVTARRS
 LLRYFYRQLLLFYSKNPAMMEKSIFCTEPTSNLLTLKQININICLYMNQLPKGSAQIKSQLRLNPHSISAF
 EANEELCLHVAVEGKIYLTVYCPKDGVNRISSMSSDKLTRWEVLGVQGALLSHFIQPVYISSILIGDGN
 CSDTRGLEIAIKQRVDDALTSKLPMFYLVNRPHISLVPSAYPLQMNLEYKFLSLNWAQGDVSLDIVDGLS
 GKITESSPFKSGMSMASRLCKAAML SRFNLLAKEAKKELLEAGTYHAAKCMSASYQEAKCKLKSYLQQH
 YGSWIVKSPCIEQFNM

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_139243

ORF Size: 1728 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_139243.4](#)

RefSeq Size: 2026 bp

RefSeq ORF: 1731 bp

Locus ID: 132612

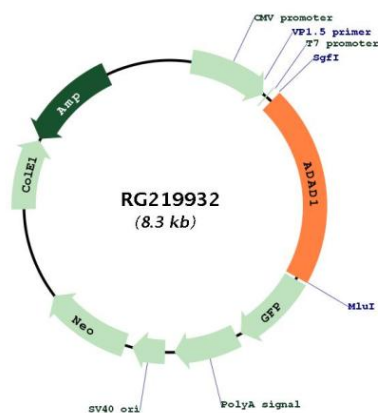
UniProt ID: [Q96M93](#)

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]

Product images:



Circular map for RG219932