

Product datasheet for **RN213084**

Adad1 (NM_001006977) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adad1 (NM_001006977) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adad1
Synonyms:	Tenr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213084 representing NM_001006977
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCGACCGCGGGCGGCAGCCGACGAGCCCCAGTCCCGGCCCTCGGCTCGGCCTGCCTCTTGCCGCTC
 ACCTGCCTGCGAGCCTGGGCGGGGAGGGCGCGAAGGACAGCCTCGGGGGTGAGAAAATTCTGAAACAA
 TGAAGTGGTTTCAGAGTTCCAGGGTCCCTAGCTTTGCGCAGATGCTGAAAAAGAAATTTACAGTTCACTCA
 TCAGCTCAGACGGTCACTTTGCCCACTGGATATTCCTCCGAAAGTTGTAGTCTGTCCAATATGGCATCCA
 AGGTTACGCAAGTGACAGGTAATTTCCAGAGCCATTGCTTTCAAAGGCTTTTCATCTATTTCAAATCC
 TGTCTTCTCCAAAAAATACCTAAAGAATTTATAATGAAATACAGACGTGGAGAGATCAATCCTGTG
 TCAGCCTTGCACCAAGTTGCACAAATGCAGCGTGTTCAGCTTGACCTCAAGGAACTGTAAACAGGAA
 ATGTTATGGGACCATATTTGCTTTTGTGCCGTGGTGGATGGTATTCAGTACAAGACAGGACTGGGACA
 AAATAAAAGGAATCTAGATCCAATGCAGCAAAGTTGGCTCTTGATGAGCTGCTACAGTTGGATGAGCCT
 GAGCCAAGAGCTTTAGAACCAGCAGGACCTCCTCTATTCTGCAGAACCTATTGTTACACCTGAAGCAG
 CATATATTTCAAAGTACAATATGAAGGAGACAAGTCCAGTATGCCAAGATTTACAGCTTGTTAAAGA
 AACATTTAGTCAACTAATTTCTAGTCACTCACAATATCTGAAATGTAGCAGTTTCATTGGCTGCTTTTATT
 ATTGAAAGAGGGGGACATCATGAAGTTGTGGCTATAGGCACAGGGGAATACAACACAGCCAGTGCATCA
 AGCCCAATGGAAGGGTGTGCATGATACTACGCGAGTTGTCACTGCGAGAAGGTCTCTCCTTAGGTACTT
 TTATAGACAGCTTCTGCTCTTCTATAGTAAAAATCCTGCTATGATGGAAGTCAATCTTTGTACAGAG
 CCAGCTTCTAATCTACTTACTCTGAAACAGAATCAACCTTTACCTCTACATGAACCAAGTTGCCTAAAG
 GATCAGCCAGATTAAGTCACAGTTACGCCTTAATCCACATTCTATTTCTGCGTTTGAAGCTAATGAAGA
 ACTGAGTCTCCATGTGGCTGTTGAAGGCAAAATTTATCTTACTGTTTACTGTTCTGCAGACGGGGTTAAT
 AGAGTAAACAGTATGTCCTCAAGTGACAAGCTGACCAGATGGGAGGTGCTTGGTGTACAGGGAGCCCTGC
 TGAGTCACTTCATACAGCCAGTTTATATCAGCAGCATACTTGTGGTGTATGGGAATTGCAATGACACAAG
 AGGCTTAGAAATCGCAATAAACCAACGTGTTGATGATGCACTCACTTCAAACTGCCCATGTTTTACTTG
 GTCAACAGACCTCATATTAGCTTAGTGCCCACTGCATATCCTCTGCAATAAACTGGACCATAAATCAC
 TCAGTTTGAATTGGGCACAAGGGGACAATTCTTTGGAGATTGTGGATGGCCTAAGTGGGAAGATCACTGA
 AAGTTCTCCATTTAAAGTGGTTTATCAATGGCAAGTCGGCTTTGTAAGGCTGCAATGTTAAGTCGATTT
 AATCTGCTTGCCAAGGAAGCAAAACAGATGATTTACTTGAAGCTCGGACATACCACGCAGCTAAGTGTC
 TGTCTGGACCCTATCAAGAAGCTAAGGCATTACTGAAGGCCTACTGCAGCAGCATGGCTATGGCTCCTG
 GATTGTGAAGTCTCCCTGTATAGAGCAATTTAGTATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001006977

Insert Size: 1860 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_001006977.2, NP_001006978.2</u>
RefSeq Size:	1944 bp
RefSeq ORF:	1860 bp
Locus ID:	294979
UniProt ID:	<u>Q3KR54</u>
Cytogenetics:	2q25
Gene Summary:	Plays a role in spermatogenesis. Binds to RNA but not to DNA (By similarity). [UniProtKB/Swiss-Prot Function]