

Product datasheet for **RN208959**

Adam2 (NM_020077) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam2 (NM_020077) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam2
Synonyms:	Ftnb; PH-30
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208959 representing NM_020077
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCATGTGGCTCCTCTTCTGCTGAGTGGGCTGAGTAGACTTGGAGGGCTTAGCGAGCCCCAAA
 CAGAAGGCACTCGTGAGAAATTACACGTGCAAGTCACGGTGCCAGAGAAAATCCGGTCCATCACAAGTGA
 AGGCTACGAAACACAGGTGACCTACAGTCTCAAAATCGAAGGAAAAACATACATCCTGAACCTAATGCAA
 AAAGCGTCTTGCCCTCCCAACTTTAGAGTCTACAGCTATGACAGCACAGGGATCATGAGGCTCTTGAGC
 AGAAGTTTCAGAAATCTGCTACTTCCAAGGATACATTGAAGGTTATCCAAATCTATGGTGATTGTTAG
 CACATGTACTGGACTCAGGGGAGTACTTCAGTTTGGAAACGTTAGCTACGGAATTGAACCCCTGGAATCT
 TCCAGTGGTTTTGAACATGTAATCTACCAAGTGGAACTAAGAAAGGAGACACATTACTCTATGCCGAGA
 AGGATATGGATTTAAGAGACCCGAGTAAAGATACGAAGTATCAAGCCTCAGCGAACCCGCTCGCACTA
 TCTGGAATACACATTGTAGTTGAAAAGCAGATGTTTGGCATATTGGGGCTGATACAGCTGTTGCTACT
 CAAAAGATTTTCCAGTTGATTGGACTGACAAATGCTATCTTTGCCCCCTTAATCTTACAGTAATCTGT
 CTTCCCTGGAAATTTGGATGGACGAAAACAAAATCTCGACCACGGGTGATGCTAACAAAGTTGCTGTACAG
 GTTCTGAAGTGGAAACAGTCGTACCTCGTTCTGCGACCACATGACATGGCGTTTTTACTCGTCTACAGG
 GACACCACTGATTATGTTGGCGCCACCTATCAAGGAAGATGTGTGACAAGAAGTATGCAGGAGGCGTTG
 CTCTGCACCCAAAGCCGTAACCTCTGGAATCACTTGAATATTTTAGTTCAGCTGCTGAGCCTCAGCAT
 GGGGTGCGCATATGACGATGTGAACACGTGCCAGTGGGAGTACCCATCTGCGTGATGAACCCCGAAGCA
 CTTCAATCCAGCGGTGTGAGGTCCTTCACTAAGTGCAGCATGGAGGACTTCTCAAGTTTATCGTAAGTC
 AAAGTCCCACCTGTCTTCAAGAACACACCTACAGCCGTCGTACAAGATGGCAGCTGTGGGAATGG
 AGAGTTGGAAGAAGGAGAAGTTTGGCACTGTGGACAGGAGGGCTGTGACGATAAGCCTCCCTCCATGCTGT
 AATCCCACCACCTGTGAGCTGTGAGGGCTCCACTTGTCCACCAGGAAAGTTGCTGCGACGCTTCGTGCA
 ATCTGAAGGCAAAAGGGAACTTTGAGGCCTGCCAATCAGGAATGTGACGTACAGAGTACTGCAACGG
 CACTTCCGAAGTGTGGAAGAAGACTTCTTTGTTCAAGACGGTACCCATGTGCAGAACAGAAGTGGATC
 TGTATTAATGGCACCTGTGAGAGTGGAGCACAGCAGTCCCGGATCTGTTTGGCACTGATGCAGACTATG
 GTACAAAAGAATGTTACTCGGAGCTGAATTCAAAAGTACATATCTGGGAGCTGCGGTATCACTCCTAC
 GGGGTACAAGGACTGCGCACCTAATGACCGGATGTGTGGAAAATAATATGTATATACCAAAGTGAAGAC
 ATACTTAAAATGAGGTCTGCCATTGTTATCTATGCCAATAAAGCGGCAAACTGCATCTCCCTGGAAT
 ACCCCCCAGGTACAAAAGAGAGCAAGAAGATGTGTGTGAGAGATGGAAGTGTCTGCGGGTCAGGGAAGGT
 TTGCTTGAATCAAGAGTGTGTAGAAGATACTTTCTTGAATATGATTGCACCCCGAAAAATGCAACCAC
 CATGGGGTATGTAATAACAAGAAGCATTGCCACTGTGAGCCACATACTTACCTCCGGATTGAAAAATA
 CGGAGGATACATGGCCTGGTGGGAGCGTTGACAGTGGCAACCAGCAACGGGCTGAATCCATCCCTGCACG
 GTCCTATGTTGCAAGTGCCTACCGCTCCAAGTCTGCAAGGTGGCCATTTTCTGATCATCCCTTCTAC
 GTGGTGATCCTTGTCTGATCGGCATGCTGGTAAAAGTCTATTCCAAAGAAAAAATGGAGAATGGATG
 ACTTCTCAAGTGAAGAACAATTTGAAAGTAAAAGTGAATCCAAAGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_020077
Insert Size: 2220 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:	<ol style="list-style-type: none">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_020077.1</u> , <u>NP_064462.1</u>
RefSeq Size:	2431 bp
RefSeq ORF:	2220 bp
Locus ID:	56806
UniProt ID:	<u>Q63202</u>
Cytogenetics:	15p12
Gene Summary:	may play a role in sperm-oocyte binding and fusion [RGD, Feb 2006]