

Product datasheet for **RN204670**

Amhr2 (NM_030998) Rat Untagged Clone

Product data:

| | |
|--------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Amhr2 (NM_030998) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Amhr2 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN204670 representing NM_030998
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGGGACACTGGGGCTTTGGACACTGCTTCTCGACTGCACAAGTATCCCCAAACAGGAGGACCT
 GTGTGTTCTTTGAGGCTCCTGGAGTTCGGGAAGCACAAAAACACTGGGGGAAGTGGTAGATGCAGGACC
 AGGCCCCCGAAGGGTATCCGCTGCCTCTACAGCCATTGCTGCTTTGGGATCTGGAATCTGACCCATGGC
 CGGGCACAAAGTGGAGATGCAAGGATGCCTAGACAGTGTGAACCCGGCTGTGAGTCCCTCCACTGTGACC
 CCGTCCCCGAGCGCACCCAGCCAGCTCCACACTTTCACATGCTCCTGCGGTACCGACTTCTGCAA
 TGCCAACACAGCCATCTGCCTCCTTCAGGAAACCGAGGGGCTCCCGCCCCAGGAGCCTCAGGCTACC
 CCAGTGGGCCATCTGGATGGCGCAGCTGCTGCTGGGAGTGTTCCTTGTGCTGCTGAGTATCATCA
 TCTTGGCCCTGTTACAACGAAAAGCCTGTAGAGTGAAGGTGGGTGAGACCCGGAGCCGGAGCCAGGCTC
 AGGAGGAGACTGCAGTGAGGAATGCCGAGTTGGCTGAGCTGCGCTTCTCCAGGTAATCCAGGAAGGA
 GGTGATGCAGTCTGCTGGGCTGGGAGGCTCCAGGGTGAAGTGGTACCCATCAAGGCTTCCCCCAAGGG
 CTGTGGCCCGATTCCGAGCTGAGCGAGCTGTGTACCAGCTGCTAGGCCTACAGCATAACCACATTGTTCCG
 CTTTATCACTGCTGGCCAGGGAGGCTCTGGCCCTTGGCCCTGCGCCTTGGTGGTACTGGAAGTGTAC
 CCTAAGGGCTCCTTATGCCACTACTTGACTCAGTACACGAGCGACTGGGGCAGTTCCTTGAGGATGGCTC
 TGTCCCTGGCCGAGGGCTGGCGTTTCTCCACGGGGAGCGTTGGCAGGATGGCCAGTACAAACCAGGTAT
 CGCTCACCGAGACCTGAGCAGCCAGAATGTGCTCATTGGGAAGATAGGTGATGTGCCATCGGAGACCTG
 GGCTTGGCTTGGTACTCCCTGGCCTTGGCTCAGCCCCCTGCCTTGGCCCCCTACTCAACCCGAGGCCAG
 CTGCCATTTTGGAGGCTGGCACCCAGAGGTACATGGCTCCGGAGCTCTTGACAAGACTAGACCTGCA
 GACTGGGGCACAGCTCTCCAGAGAGCGGATGTTTACTCTCTGGCTCTACTACTGTGGGAGATCCTGAGC
 CGCTGTTCCGATTGAGGCTGACCACAGACCACACCTTTTCAATTGGCTTATGAGGCAGAACTGGGCA
 GCAATCCAGTGCCTGTGAGCTCTGGGCCCTGGCGGTCGCGGAGAGGAAGCGCCCCAACATCCCTTCTCT
 TTGGAGCTGCTCTGCCACAGACCCTAGGGGGCTGAGGGAGCTCCTGGAAGATTGCTGGGAGCAGACCCA
 GAAGCAAGGCTGACAGCTGAGTGTGTGCAGCAGCGCTGGCAGCCCTGGCTTATCCTCAGGTGGCTTCT
 CCTTCCCAGAGAGCTGTCCACAGGGCTGCCAGAGAACTGCCCTGCAGCGCTGCCTCTGCGGCTTTCC
 CTGCAAGGCTCAGCAGAGTCTTGTCTCCTCAGTGTTCAGCAAGGCTCTGGCTCTAAGTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_030998
- Insert Size:** 1674 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: [NM_030998.1](#), [NP_112260.1](#)

RefSeq Size: 1964 bp

RefSeq ORF: 1674 bp

Locus ID: 29530

UniProt ID: [Q62893](#)

Cytogenetics: 7q36

Gene Summary: receptor that binds Mullerian inhibiting substance; involved in testis and ovary function [RGD, Feb 2006]