

## Product datasheet for **RN209684**

### Amh (NM\_012902) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Amh (NM_012902) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Amh
Synonyms:	MIS
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209684 representing NM\_012902  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACGGGGCCACACCTCTCTCTGCTGCTGCTGCTAGCGACTATGGGGGCTGTGTTACAGGCTGACA  
 CAGTTGAAGAAGTACCACATACCAGGGGCTCATCTTCTTGAAGATGGGGTCTGGCCTCCAGCAGTCC  
 CCCTGAGCCTTTGTGCCTGGTGGCGGTGAGAGGGGAAGGGGACACAAGCAAGGCTTCCCTGACGGTGGTG  
 GGGGGCCTGCACAGCTATGAGCATGCCTTCTGGAGGCTGTCCAAGAGTCTCGCTGGGGACCTCAAGACC  
 TAGCCACCTTCGGAGTCTGCAGTACTGACTCCCAGACTACCCTGCCTGCCCTTCAGCGCCTCGGGGCTG  
 GCTCGGAGAGACTGGGGAACAGCAGTTGCTAGTCTACATCTGGTGAAGTGATATGGGAGCCTCAGCTC  
 TTGCTGAAGTTCCAAGAGCCTCCACCTGGGGGAGCCAGCCGCTGGGAGCAAGCCCTGTTAGTGCTATACC  
 CTGGACCTGGGCCCAGGTCACAGTACAGGAGCTGGACTGCAGGGCACACAGAGCCTCTGCCCTACTCG  
 GGACACCCGCTATTTGGTGTGACTGTGCACTTCCAGCGGGGGCTGGAGCGGCTCGGGGCTCGCCCTA  
 ACCCTTCAACCAAGCAAAGAGGTGCCACCCTGACCATCGCTCAGCTGCAGGCCTTCTGTTTGGCTCTG  
 ATTCGCGTGTTCACGCGGATGACTCCCACCCTAGTGCTGCTGCCACCCACCGGGCCGACACCGCAGCC  
 AGCACATGGCCAGCTGGACACCGTGCCTTCCCGCAGCCTGGGCTGTCCCTGGAGCCTGAGGACCTGCCA  
 CACAGTGTGACCCCTTCTAGAGACCCTCACTCGCTTGGTTCGTGCTCTGCGGGGACCTCTGACCCGGG  
 CCTCGAACACTCGTCTGGCCCTGGACCTGGTGCCTGGCCAGCTTCCCACAGGGGCTGGTCAACCTTTC  
 AGACCCGTGGCGCTGGGACGTCTGCTCGATGGGAGGAACCCCTATTACTGCTGCTGTACCCGCTGCG  
 GCCACTGTGGGGAAACCTATGCGGCTGCACAGCCCACATCTGCTCCCTGGGCAGCAGCCCTGGCAGCA  
 GGGTAGCGGTAGAGCTGCAGGCAGCGGCTCGGAGCTGCGGGACCTCCCAGGCCTGCCACCCACAGCCCC  
 CCCATTGCTGTGCGCCTACTGGCGCTGTGCCCAACGACTCCCGCAGCGCCGGGGACCCGCTGCGAGCG  
 CTGCTGCTGCTGAAGGCACTGCAGGGCCTGCGTGCAGAGTGCGGAGGGCGGGAAGGGCGGGAGGGCGG  
 GGCGCAGCAAGGGGACAGGGACAGATGGGCTGTGCGCGCTGCGCGAGCTGAGCGTGGACCTTCGAGCAGA  
 GCGCTCAGTGTGCTATCCCGGAGACCTACCAAGCCAACAAGTCCCAAGGCGCCTGTGCATGGCCACAGTGC  
 GACCGTAACCCACGGTACGGGAACCAGTGGTGTGCTGCTGCTAAAATGCAGGCACGCGGGGCCCTGG  
 GTCGCTGCCCTGCTGTGTGCCACTGCCTACCCGGCAAGCTGCTCATCAGCCTGTGCGGAGGAGCAT  
 CAGCGCGCACACGTGCCAACATGGTGGCTACCGAATGCGGCTGCCGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_012902
- Insert Size:** 1662 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\\_012902.1](#), [NP\\_037034.1](#)

**RefSeq Size:** 1662 bp

**RefSeq ORF:** 1662 bp

**Locus ID:** 25378

**UniProt ID:** [P49000](#)

**Cytogenetics:** 7q11

**Gene Summary:** ligand for MIS receptor II that suppresses female primary and secondary sexual development and allows male sexual differentiation to occur [RGD, Feb 2006]