

Product datasheet for **SC200130**

AMHR2 (NM_001164691) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AMHR2 (NM_001164691) Human 3' UTR Clone
Symbol:	AMHR2
Synonyms:	AMHR; MISR2; MISRII; MRII
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001164691
Insert Size:	229 bp
Insert Sequence:	>SC200130 3'UTR clone of NM_001164691 The sequence shown below is from the reference sequence of NM_001164691. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CAGCCTGCCTGTACCCTTTCTCCTGTG AA AATATGCAGTTTATGTGTCATCAATGTACATGCCAACATA AATATGGCGATTGTATAGCTGTCTTGTCTGCCTCATCACTGCATTTCCACCTGCCGAATCCTTGGATT CTTCTGCGGGCATCCAGTCCACATCAGTTCTGACCAGTGACTTGGGGTAGGTGTGCACAGGAAAGAGAA TAAAGTCAGCTTTCCTGATGCA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001164691.2</u>



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Summary:

This gene encodes the receptor for the anti-Mullerian hormone (AMH) which, in addition to testosterone, results in male sex differentiation. AMH and testosterone are produced in the testes by different cells and have different effects. Testosterone promotes the development of male genitalia while the binding of AMH to the encoded receptor prevents the development of the mullerian ducts into uterus and Fallopian tubes. Mutations in this gene are associated with persistent Mullerian duct syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Sep 2009]

Locus ID:

269

MW:

8.4