

Product datasheet for **SC205876**

Androgen Receptor (AR) (NM_000044) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Androgen Receptor (AR) (NM_000044) Human 3' UTR Clone
Symbol:	Androgen Receptor
Synonyms:	AIS; AR8; DHTR; HUMARA; HYSPI; KD; NR3C4; SBMA; SMAX1; TFM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000044
Insert Size:	2000 bp
Insert Sequence:	>SC205876 3'UTR clone of NM_000044 The sequence shown below is from the reference sequence of NM_000044. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCATCTATTTCCACACCCAGTGAAGCATTGGAAACCCTATTTCCCACCCAGCTCATGCCCCCTTT
CAGATGCTTCTGCCTGTATACTCTGCACTACTCTCTGCAGTGCCTTGGGAATTTCTCTATTGA
TGTACAGTCTGCATGAACATGTTCTGAATTCTATTTGCTGGGCTTTTTTTTCTTTCTCTCCTTT
CTTTTTCTTCTCCCTCCCTATCTAACCTCCCATGGCACCTTCAGACTTTGCTTCCATTGTGGCTCC
TATCTGTGTTTTGAATGGTGTGTATGCCTTAAATCTGTGATGATCCTCATATGCCCCAGTGTCAAGT
TGTGCTTGTTTACAGCACTACTGTGCGACCCACACAAACGTTTACTTATCTTATGCCACGGGAAGTT
TAGAGAGCTAAGATTATCTGGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.



[View online »](#)

RefSeq: [NM_000044.6](#)

Summary: The androgen receptor gene is more than 90 kb long and codes for a protein that has 3 major functional domains: the N-terminal domain, DNA-binding domain, and androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor. Upon binding the hormone ligand, the receptor dissociates from accessory proteins, translocates into the nucleus, dimerizes, and then stimulates transcription of androgen responsive genes. This gene contains 2 polymorphic trinucleotide repeat segments that encode polyglutamine and polyglycine tracts in the N-terminal transactivation domain of its protein. Expansion of the polyglutamine tract from the normal 9-34 repeats to the pathogenic 38-62 repeats causes spinal bulbar muscular atrophy (SBMA, also known as Kennedy's disease). Mutations in this gene are also associated with complete androgen insensitivity (CAIS). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2017]

Locus ID: 367

MW: 16.5