

Product datasheet for **SC211015**

Sigma1 receptor (SIGMAR1) (NM_005866) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Sigma1 receptor (SIGMAR1) (NM_005866) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SIGMAR1
Synonyms: ALS16; DSMA2; hSigmaR1; OPRS1; SIG-1R; sigma1R; SR-BP; SR-BP1; SRBP
ACCN: NM_005866
Insert Size: 940 bp
Insert Sequence: >SC211015 3'UTR clone of NM_005866
 The sequence shown below is from the reference sequence of NM_005866. 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
ACCACTACCTCTTTGGCCAGGACCCTTGAACAGCCAGGCCTGAAGGAAGACCTGCGGATAGACAGGAG
CGGGCAGGCCCGCACATATCCACTTGTGGAGCCCATGTTTACAGACAGGGACATACACCATGCAGATC
CTGAGTTCCTGTGTATGAGCAGGGATATCCATGCTTATGTATCCAAACACAGAGACCCATGGGAACAA
ATGAGACACATATAGATACTGAGACCTGTGTGTACAGTAGGACCATGCACTCACACCCATCTGGAGAGG
GAGCCCCCGGTATACCAAGGGAGCCAGTTGTGTTACAGACACACATCACAGCTTGACTACTAAGTGA
GGCCTTCCATAGCTCCACAGCTTCCACCTCCTCCCCACAAACCGGGTTCTAGAGTTAAGGATGGG
GGAGGGTATTATACTGCCTCAGTCTGACTCCTCAACCCAGCAGCAATTTGAGGGGATGAGGGGGAAGAG
GAGCTGCCTTTGGAGGCCCTTCACCTGCAGCTATGATGCCCTTCCCCTTCTCCCCTGCCTCACCA
TATGCCTTATCCCATTCTACTCCCCTGCTATGCAAGTGGCCCTGTGGCTTGTCCCAACCCCTCAGC
AACAAAGCTCAGTGGGGAACGAGAGTAATTTGAAGAATGCTTGAAGTCAGCGTCTTCCATTCCAGAAA
GACCCCATTTCTCCTTTGGGGGTATGATGTGGAAGCTGGTTTCAGCCAGGACCCACACTGAGGAGA
GGATCTAGACAGGTGGGCTAATTTCAAGGGCCCTTCTGCGCTGGAGAAGGCCTTTTACACACACAC
AACACATACACACACACACACACATATCACAGTTTTACACAGCCCCTGCTGCATTCTCTGTGC
CATCTGTCTGTTTCTATTAATAAAGATTGTTGATCTGTTCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-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).



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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:	NM_005866.4
Summary:	This gene encodes a receptor protein that interacts with a variety of psychotomimetic drugs, including cocaine and amphetamines. The receptor is believed to play an important role in the cellular functions of various tissues associated with the endocrine, immune, and nervous systems. As indicated by its previous name, opioid receptor sigma 1 (OPRS1), the product of this gene was erroneously thought to function as an opioid receptor; it is now thought to be a non-opioid receptor. Mutations in this gene has been associated with juvenile amyotrophic lateral sclerosis 16. Alternative splicing of this gene results in transcript variants encoding distinct isoforms. [provided by RefSeq, Aug 2013]
Locus ID:	10280
MW:	34.4