

Product datasheet for **SC203790**

KiSS1 receptor (KISS1R) (NM_032551) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KiSS1 receptor (KISS1R) (NM_032551) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KISS1R
Synonyms:	AXOR12; CPPB1; GPR54; HH8; HOT7T175; KISS-1R
ACCN:	NM_032551
Insert Size:	287 bp
Insert Sequence:	>SC203790 3'UTR clone of NM_032551

The sequence shown below is from the reference sequence of NM_032551. 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
GTCCTGGGGGAGGACAACGCCCTCTCTGAGCGGACCCGGTGGGAATCCGAGCGGCTCCCTCGGGAGCG
GGGACTGCTGGAACAGCGGCTATTCTTCTGTTATTAGTATTTTTCTTACTGTCCAAGATCAACTGTGGA
AATATTTTGGTCTCTTGTGACGTTTCGGTGCAGTTTCGTTGTGAAGTTTGCTATTGATATTGAAATTATG
ACTTCTGTGTTTCTGAAATTAACATGTGTCAACACAGGACTTTCTGGATCATTCCAGAAAGTGTGAG
ACGTTTTCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_032551.5</u>



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Summary: The protein encoded by this gene is a galanin-like G protein-coupled receptor that binds metastin, a peptide encoded by the metastasis suppressor gene KISS1. The tissue distribution of the expressed gene suggests that it is involved in the regulation of endocrine function, and this is supported by the finding that this gene appears to play a role in the onset of puberty. Mutations in this gene have been associated with hypogonadotropic hypogonadism and central precocious puberty. [provided by RefSeq, Jul 2008]

Locus ID: 84634

MW: 10.1