

Product datasheet for **SC128271**

KiSS1 receptor (KISS1R) (NM_032551) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: KiSS1 receptor (KISS1R) (NM_032551) Human Untagged Clone
Tag: Tag Free
Symbol: KiSS1 receptor
Synonyms: AXOR12; CPPB1; GPR54; HH8; HOT7T175; KISS-1R
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032551 edited
 ATGCACACCGTGGCTACGTCCGGACCCAACGCGTCTCGGGGGCACCCGGCCAACGCCTCC
 GGCTGCCCGGGCTGTGGCGCCAACGCCTCGGACGCCCCAGTCCCTTCGCCGGGGCCGTG
 GACGCCTGGCTCGTGCCGCTCTTCTTCGCGGCGCTGATGCTGCTGGGCCTGGTGGGAAC
 TCCTGCTCATCTACGTATCTGCCGCCACAAGCCGATGCGGACCGTGACCAACTTCTAC
 ATCGCCAACCTGGCGGCCACGGACGTGACCTTCCTCCTGTGCTGCGTCCCTTCACGGCC
 CTGCTGTACCCGCTGCCCGGCTGGGTGCTGGGCGACTTCATGTGCAAGTTCGTAACCTAC
 ATCCAGCAGGTCTCGGTGCAGGCCACGTGTGCCACTCTGACCGCCATGAGTGTGGACCGC
 TGGTACGTGACGGTGTCCCGTTGCGCGCCCTGCACCGCCGCACGCCCGCTGGCGCTG
 GCTGTCAGCCTCAGCATCTGGGTAGGCTCTGCGCGGTGTCTGCGCCGGTCTCGCCCTG
 CACCGCCTGTACCCGGCCGCGCGCCTACTGCAGTGAGGCCTTCCCCAGCCGCGCCCTG
 GAGCGCGCCTTCGCACTGTACAACCTGTGGCGCTGTACCTGCTGCCGCTGCTCGCCACC
 TCGCCTGCTATGCGGCCATGCTGCGCCACCTGGGCCGGGTGCGCGTGGCCCGCGGCC
 GCCGATAGCGCCCTGCAGGGGCAGGTGCTGGCAGAGCGCGCAGGCCCGCTGCGGGCCAAG
 GTCTCGCGGTGGTGGCGGCCGTGGTCTGCTCTTCGCGCCCTGCTGGGGCCCCATCCAG
 CTGTTCTGGTGTGCAGGCGCTGGGCCCGCGGGCTCCTGGCACCCACGCAGCTACGCC
 GCCTACGCGCTTAAGACCTGGGCTCACTGCATGTCTACAGCAACTCCGCGCTGAACCCG
 CTGCTCTACGCCCTTCTGGGCTCGCACTCCGACAGGCCCTCCGCGCGTCTGCCCTGC
 CGCGCCGCGCCCGCCCGCCCGCCCGCCGACCCCTGGACCCCGCAGCCACAC
 GCGGAGCTGCTCCGCTGGGTCCACCCGCGCCCGCCAGGGCGCAGAAGCCAGGGAGC
 AGTGGGCTGGCCGCGCGGGCTGTGCGTCTGGGGGAGGACAACGCCCTCTCTGAGCG
 GACCCGGTGGGAATCCGAGCGGCTCCCTCGGGAGCGGGACTGCTGGAACAGCGGCTATT
 CTTCTGTATTAGTATTTTTCTTACTGTCCAAGATCAACTGTGAAA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032551 unedited GGGGGNNNGGGNGGGTCCGTCATTTGTNATACGACTCATATAGGCGGCCGCCAGTGTGA TGGATATCTGCAGAAATTCGCCCTTATGCACACCGTGGCTACGTCCGGACCCAACGCGTCC TGGGGGACACGGCCAACGCCTCCGGCTGCCCGGGCTGTGGCGCCAACGCCTCGGACGGC CCAGTCCCTTCGCCCGGGCCGTGGACGCCTGGCTCGTGCCGCTTTCTTCGCGGCGTG ATGCTGCTGGGCTGGTGGGAACTCGCTGGTCATCTACGTATCTGCCGCCACAAGCCG ATGCGGACCGTGACCAACTTCTACATCGCCAACCTGGCGGCCACGGACGTGACCTTCCTC CTGTGCTGCGTCCCTTACGGCCCTGCTGTACCCGCTGCCCGGCTGGGTGCTGGGCGAC TTCATGTGCAAGTTCGTCAACTACATCCAGCAGGTCTCGGTGCANGCCACGTGTGCCACT CTGACCGCATGAGTGTGGACCGCTGGTACGTGACGGTGTTCGCGTTCGCGCNCCTGGAC CGNCGCACGCCCCGCTGGCGCTGGCTGTCAGCCTCAGCATCTGGGTAGGCTCTGNCGCN GTGTCTGCGCCGGTGTGCTGCCCTGCACCGNCTGTACCGGGGCCGCGCCTACTGCAGT GAGGCCCTTCCCAGCCGCGCCTGGAGCGCGCTTTCGCACTGTACAACCTGGTGGCG CTGTACCTGCTGCCGTGCTGCCACCTGCGCCTGCTATTGCGGCTGCTGCGCCANCTG GGCCCGGTTTGGCGGGCCCCCGGGCCCGGATTGCGCCTGCAGGGGCAAGTGTGGC AAACCCCAAGCCCTTTCGGGGCAAGTCTCCCGCTGGGGCCGGCCTGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032551 unedited TCCCAGCGGTGCAACCTTACGGCCGGAAGGCACCTGGGGAGGGGTACAGGGATGCCA CCCGGGATCTGTTAGAAACAGCTATGACCGCGCCGAATCTAGAGTCGACAAGCTTG ATATCGGTACCGAGCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGCCCTT TTCCACAGTTGATCTTGGACAGTAAGAAAAATACTAATAACAGAAGAATAGCCGCTGTT CAGCAGTCCCGCTCCCAGGGAGCCGCTCGGATTCACCGGGTCCGCTCAGAGAGGGG CGTTGTCTCCCCAGGACGCACAGCCCGCGCGGCCAGCCACTGCTCCCTGGCTTCT GCGCCCTGGCGGGGGCCGGTGGGACCCAGGCGGAGCAGCTCCGCGTGTGGGGTGCGG GGTCCGAGGGTCCGGGCCGGCGGGGGCGGGGGCGGCGCGGCGCAGGGGCAGACGC GGCGGAAGGCCTGTGGAAGTGCAGGCCAGGAAGGCGTAGAGCAGCGGGTTACAGCGCG AGTTGCTGTAGGACATGCAGTGAGCCAGGTCTTAAGCGCGTAGGCGCGTAGCTGCGTG GGTGCCAGGAGCCCGGGGGCCAGCGCCTGCAGCACCAGGAACAGCTGGATGGGGCCCC AGCAGGCGGCGAAGAGCAGACCAGGCCGCCACCAGCCGCGAGACCTTGGCCCGCACGGC GCCTGCGCGCTCTGCCAGCACCTGCCCCTGACGGGCGCTATCGGGGGCGGGGGCGCAC GGCGACCCGGCCAGTGCGCGAGCATGGCCGCATAGCAGCGCAGTGGCGAGCAGCCGAGC AGTACAGCGCCAGCAGTTGTACAGTGCAGCGCGCTCAGGCGCGCTGGGAGCCTACTGC ATAGCCCGCGCCCGGTGAACAGGCGGTGCAG</p>
Restriction Sites:	Please inquire
ACCN:	NM_032551
Insert Size:	1300 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:	<ol style="list-style-type: none">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_032551.3 , NP_115940.2
RefSeq Size:	1607 bp
RefSeq ORF:	1197 bp
Locus ID:	84634
UniProt ID:	Q969F8
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
Gene Summary:	<p>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]</p>