

Product datasheet for **RN214267**

Kiss1r (NM_023992) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kiss1r (NM_023992) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kiss1r
Synonyms:	Gpr54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214267 representing NM_023992 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAGAGGCGACGTTGGGTCCGAACGTGAGCTGGTGGGCTCCGTCCAACGCTTCGGGATGCCCGG
GCTGCGGTGTCAATGCCTCGGATGGCCAGGCTCCGCGCCAAGGCCCTGGATGCCTGGTGGTGGCCCT
GTTTTTCGCTGCCCTAATGTTGCTGGGGCTAGTCGGGAACCTACTGGTCATCTTCGTTATCTGCCGCCAC
AAGCACATGCAGACCGTCACCAATTTCTACATCGCTAACCTGGCGCCACAGATGTCACCTTCCTTCTGT
GCTGCGTACCCTTACCAGCGCTCCTCTATCCGCTGCCACCTGGGTGCTGGGAGACTTCATGTGCAAATT
CGTCAACTACATCCAGCAGGTCTCGGTGCAAGCCACATGTGCCACTTTGACAGCCATGAGTGTGGACCGC
TGGTACGTGACTGTGTTCCCGCTGCGTGCACTTACCAGCCGCACTCCGCGCTGGCCCTGACTGTGACGC
TTAGCATCTGGGTGGGTTCCGACGCTGTTCCGCCCGGTGCTGGCTCTGCACCGCCTGTGCGCCGGGCC
TCACACCTACTGCAGTGAGGCGTTTCCAGCCGTGCCCTGGAGCGCGCTTTCGCGCTCTACAACCTGCTG
GCCCTATACCTGCTGCCGCTGCTCGCCACCTGCGCCTGTACGGTGCCATGCTGCGCCACCTGGGCCGCG
CCGCTGTACGCCCCGACCCACTGATGGCGCCCTGCAGGGGACGCTGCTAGCACAGCGCGCTGGAGCAGT
GCGCACCAAGGTCTCCCGCTGGTGGCCGCTGTCTGCTCTTCGCGCCTGCTGGGGCCCGATCCAG
CTGTTCTGGTGCTTCAAGCCCTGCCGCTCGGGGCGCTGGCACCCCTGAAGCTATGCGCCTACGCGCTCA
AGATCTGGGCTCACTGCATGTCCTACAGCAATTCGCGCTCAACCGCTGCTCTATGCCTTCTGGGTTTC
CCACTTACAGACAGCCTTCTGCCGCTGTGCCCTGCGGCCCGCAACGCCAGCGTCGCGCCACCGGTCA
GCGCACTCGGACCGAGCCGACCCCATAGTGTGCCGACAGCCGGGCTGCGCACCTGTCCGGGTAGGA
CCCCGAGCCTGGGAACCCTGTGGTGCCTCGCCCTCTGTTCCAGGATGAACACACTGCCCCACT**TGA**

AC**GGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1597_a05.zip
Restriction Sites:	Sgfl-NotI
ACCN:	NM_023992
Insert Size:	1188 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_023992.1 , NP_076482.1
RefSeq Size:	1502 bp
RefSeq ORF:	1191 bp
Locus ID:	78976
UniProt ID:	Q924U1
Cytogenetics:	7q11
Gene Summary:	<p>a G protein-coupled receptor; human homolog may bind ligand and metastasis suppressor gene KiSS-1 [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>