

Product datasheet for **RN201801**

Kiss1 (NM_181692) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kiss1 (NM_181692) Rat Untagged Clone
Tag: Tag Free
Symbol: Kiss1
Synonyms: Eseptin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201801 representing NM_181692
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCTCGCTGGCTTCTTGGCAGCTGCTGCTTCTCTCTGTGTGGCCTCTTTGGGGAGCCACTGGCAA
AAATGGCACCTGTGGTGAACCTGAACCCACAGGCCAACAGTCCGGACCCAGGAACTCGTTAATGCCTG
GCAAAAGGGCCCGCGGTATGCAGAGAGCAAGCCTGGGGCTGCAGGACTGCGCGCTCGCCGAACATCGCCA
TGCCCGCCGGTGGAGAACCCACGGGGCACAGCGGCCCCCGTGTGCCACCCGCAGTCGCCTGATCCCTG
CGCCCGCGGATCGGTGCTGGTGCAGCGGAGGACATGTCAGCCTACAACCTGGAACCTCTTTGGCCT
CGCTACGGCAGGAGGCAGGTGGCGGGCGGCACGGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_181692
Insert Size: 393 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:

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_181692.1](#), [NP_859043.1](#)

RefSeq Size: 393 bp

RefSeq ORF: 393 bp

Locus ID: 289023

UniProt ID: [Q7TSB7](#)

Cytogenetics: 13q13

Gene Summary: ligand for the G-protein-coupled receptor GPR54; may be involved in autonomic and sensory neural signaling [RGD, Feb 2006]