

Product datasheet for **MR206203L1V**

Kiss1r (NM_053244) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Kiss1r (NM_053244) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Kiss1r |
| Synonyms: | Gpr54; KiSS-1; kiSS-1R |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_053244 |
| ORF Size: | 1191 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR206203). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_053244.2 |
| RefSeq Size: | 3163 bp |
| RefSeq ORF: | 1191 bp |
| Locus ID: | 114229 |
| UniProt ID: | Q91V45 |
| Cytogenetics: | 10 C1 |



[View online »](#)

Gene Summary:

Receptor for metastin (kisspeptin-52 or kp-52), a C-terminally amidated peptide of KiSS1. KiSS1 is a metastasis suppressor protein. Activation of the receptor inhibits cell proliferation and cell migration, key characteristics of tumor metastasis. The receptor is essential for normal gonadotropin-released hormone physiology and for puberty. The hypothalamic KiSS1/KISS1R system is a pivotal factor in central regulation of the gonadotropic axis at puberty and in adulthood. Analysis of the transduction pathways activated by the receptor identifies coupling to phospholipase C and intracellular calcium release through pertussis toxin-insensitive G(q) proteins.[UniProtKB/Swiss-Prot Function]