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Product datasheet for MC207142

4930519N16Rik (BC016199) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4930519N16Rik (BC016199) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4930519N16Rik
Synonyms:	MGC27636
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC016199 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGTGGACGTGCTGGGCGGGCGGCGCCTGGTGACCCGGGAGGGCACGGTGGTGGAGGCCGAGGTGGCGC TGCAGAACAAGGTGGTAGCTTTGTACTTTGCGGCGGGCCGGTGCTCGCCCAGCCGCGACTTCACGCCGCT GCTCTGCGACTTCTACACGGAGCTGGTGAGCGAGGCGCGGCGGCCCGCTCCCTTCGAGGTGGTTTTCGTG TCGGCAGACGGCAGTGCGGAGGAGATGTTGGACTTCATGCGCGAGCTGCACGGCTCCTGGCTGGCATTGC CCTTCCACGACCCCTACCGGCAGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	BC016199
Insert Size:	567 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).

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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:	BC016199
RefSeq Size:	2916 bp
RefSeq ORF:	305 bp
Locus ID:	75124
Cytogenetics:	13 A5
Gene Summary:	May be involved in the maintenance of both the function and the viability of sensory neurons, including photoreceptors and olfactory neurons. In the retina, isoform 1 may be required for rod function and isoform 2 for cone viability and function.[UniProtKB/Swiss-Prot Function]