

Product datasheet for RN212225

Cd99I2 (NM_134459) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd99I2 (NM_134459) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd99I2
Synonyms:	Mic2l1; vms-tm2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212225 representing NM_134459 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGCTAGGCTCACCCTCTCCTCGTTTGCCTCGTTTTCTCCTTGGCTACCTGGTCCAGAGAGGAT
ATGGAGACTTCGATGATTTCAATCTGGAGGATGCGCTGAAAGAACTTCCTCAGTAAAGCAGAGCCACTT
TAGTACGACGACTAGGAGGACAGGAACGACCAGAGCCCCAGCGAATCCAGCAGAGAGATGGGACCACATG
ACCACTACTACAACGAAAAGGCCAGGAACAAGTACAGCACCCTCAATCCTCTGGAACCTGATGGGTTTG
ACTTGGAAAGACGCCTTGGATGATCGGAATGATCTAGATGGCCCCAAAAGCCAAGTACAGGAGAAGGAGG
AGGTTTGTGAGACAAGGATCTCGAAGACATCTTGGGAGGCGGAGGATACAAACCTGACAAGAATAAAGGT
GGCGGTGGTGGTTATGGCAGCCAGGATGACCCTGGATCAGGAGCAGTGACGGACCCCGGCACCATTGCGG
GCCTGGTCAGCGCCCTGGCCGCGGCCCTCCTCGGAGCGGTGTCCGGCTACCTCTCCTACCAGCATCGGAA
GTTCTGTTTCAGTGTCCAGCGCGCCCTCGAGCAGCCTACGTGAAGGGGAAACCTTGAAGCTGTTGTGT
GTCGAAGAGCCCCGGGTGGAAGCCGCGATGTGCGAGGCGCCCCAGTTACGGACTCCACACAACACTCGCA
GCCACAGAGCCCCTGGCACCAGAGCGGCCCGGATCTGAGGCCCGGGATCTTAGGCCTCGCTCAATGGT
CAGCGCTTTCACCCTGATGTCTCCGTTTCATCCTTTCCCGGGTTCTTCCCCATCCCCAGCTTCTCCC
CACACCTGGTTTTCCGCACCAGCCTTGGGGGTGTGTGAGTTGCGGTTTTCTGCGCCCTCCGTGCGGACCG
CGCTGACCACTGTGCGGCGCGCCCTCCGGAGAGACTCGGAGCCGAGCCCTGCGATCCCCGTTTCAGCCGAG
TGCGGTGCGCACATTTGTGGTTTTTGCCTGACCACTAAGCGCTGTGAGGAGTGCGCCAGCTGGCACTT
GGTGCATTGGAACACACTTGAGACAAATCAGACAGCTGCAACGCACACGCGCACACACACACACACA
TG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_134459
Insert Size:	1125 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:	<u>NM_134459.1</u> , <u>NP_604454.1</u>
RefSeq Size:	4174 bp
RefSeq ORF:	1125 bp
Locus ID:	171485
UniProt ID:	<u>Q8R1R5</u>
Cytogenetics:	15p16
Gene Summary:	enriched in respiration-related neurons; may play a role in detection of chemicals in cerebrospinal fluid [RGD, Feb 2006]