

Product datasheet for **RN203636**

Chml (NM_001109524) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chml (NM_001109524) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chml
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203636 representing NM_001109524
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACAAACTTCCACAGAGTTTGTATGTGGTTATAATAGGGACTGGTTTGCCTGAGTCCATCCTGG
 CAGCTGCATGTTCAAGAAGTGGACAGAGAGTTCTGCACGTTGACTCAAGGAGTTACTATGGAGGGAATTG
 GGCGAGTTTCAGCTTTACAGTTTGTCTGCTGGCTGAAGGACTATCAACAGAACCATGACAGCGAGGGA
 GACGTGACTGGCAGATGGCAAGACCTGATCGATGAAACCGAAGAAGCCATCGCTCTTTGCAAGAAGGACG
 AAATAATTCAGCACACGGAAGTCTTCTGTTATGCTAGTCAAGATGTGGAAGATAGCATGCAAGAGACCGA
 CCCTCTGCAGAAAAGTCCCTCCCAGAGGCATCTGCTACTCCGGCGGACTCTCTGGATACTGCAAGCTTG
 CCCAAAGAAGGCACTCAGAAGACTGTACAAGCTACGAGGCGCCTTCTAGACGTACAGAGGGAAGTGATG
 GAGCAGTTTCACTCTCCTCCGCTGATGCACAGGACTCACTGGAGAAGAAAAGTTCTGTGGAGATGAAAC
 CGGGATGCACACAGTTTCAGATGGAGAAGAAGGTGAACACAAACTTGCTGCAGAAGACAAGTAGGACAA
 CCAAAGAGAAATACGATTACTTACTCGCAGATGGTCAAGGAGAGCCGGACATTCAACATTGACTTGGTAT
 CAAAGCTGCTGTATTCTCAAGGCTCACTGATCGATCTTCTAATCAAATCAAACGTTAGTCGTTATGCAGA
 GTTTAAGAATGTTACTAGGATCCTTGCATTTCCGGGAAGGGAAGGTAGAACAGGTGCCTTGTCCAGAGCA
 GATGTGTTTAAACAGTAAAGAGCTCACTATGGTTGAGAAGAGAATGCTAATGAAGTTTCTCACGTTCTGTT
 TAGACTACGAGCAACATTCAGATGAATACCAAGATTTCAAACAATGTTTCTTTCTGACTACTTAAAAAC
 TAAAAAGCTAACGCCTAACCTCCAACACTTCATACTCCACTCAATTGCAATGTCGTCAGACTCATCCTGC
 ACTACATTAGATGGCCTTCAAGCAACAAGAAGTTCCTTCGGTGTCTTGGACGGTTTGGCAACACTCCCT
 TTATATTCCCTTTATACGGCCAAGGAGAAATCCCCAGTGTTCCTGCAGGATGTGCGCAGTTTTTGGTGG
 AGTCTATTGCCTTCGCCATAAGGTACAATGTCTTGTAGTTGACAGAGACTCTGGAAGATGTAAAGGAATC
 ATAGATGGCTTTGGGCAGAGAATAAGTGCCAACATTTTTATCGTGGAGGACAGTTACCTTTCTAAGGAAA
 TGTGTTCAAACATTCAGTATAAGCAGATCTCAAGGGCAGTGCTTATCACAGATCAGTCCATCCTGAAGAC
 TGATTCAGACCAGCAGATTTCCATTTTGGTAGTGCCTCCTCTGGAGCCGGGAAGTCTTCCGTTCCGGGTC
 ATGGAATTATGTTCTCAACATGACATGCATGAAGGACAGCTATCTGGTCCACTTGACCTGTTTCTCTT
 CAAAAACAGCCCGAGAAGACTTGAACCCGTTGGTGAAGCAGTTATTCATCCCTTTTGCAGAAGCAGAAGC
 AGACAAAGAGGAACTCAGAAAACCAAGACTTTTGTGGCCCTTTATTTAATATGAGAGATTCTCAGGG
 GTGAGCCGAAGCTCATACTGTAGCTTACCTTCCAATGTATACATCTGCTCTGGTCTGACTGTGGACTGG
 GGAATGAGCATGCAGTCAAGCAAGCGGAAACACTGTTCCAGGAGATCTTCCCAGTGAAGAGTTCTGCC
 TCCTCCACCAAAACCTGAAGACATTATCTTTGAAGCGGAGGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109524
- Insert Size:** 1866 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_001109524.1](#), [NP_001102994.1](#)

RefSeq Size: 1866 bp

RefSeq ORF: 1866 bp

Locus ID: 689102

Cytogenetics: 13q25