

Product datasheet for **MC217112**

Gm10778 (NM_001142963) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm10778 (NM_001142963) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm10778
Synonyms:	ENSMUSG00000074860
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217112 representing NM_001142963
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGCGGTGACCTATGAGGATGTGTATGTGAAATTCACTCATGAAGAGTGGCCTTGGCTGGATCCTT
 CCCAGAAGAGTCTCTACAAAGATGTGATGCTGGAGACATGCAGGAACCTCACTGCTATAGGCTACAATT
 GCAAGATGACAACATTGAAGAGCACTGTCCAAGTTCTAGAGGATGTGGAAGGTATAACATCTATGGATAC
 AAGCCTTGTGAGCATAAGGGATATGAAAGAAGCAATGTACCTTGCACAGAAGCGTTTTCTTCAAACAT
 ATGAAAGAATCTGTTCTGAAGAGAAACCCTATGAATGCAATCAGTGCAGTAAAGCCTTGGCAAAATTCGG
 TAGTCTTCAGAAACATGAAAAAATCATACTAGAGAAAAACCCTATGAATGTAATCACTGTGGTAAAGCC
 TTTCCAAGTCGCAGTCTTTCAGATTCACCAAGAAGCACTACTGGAGAGAAACCCTTGGATTGCAGTG
 AATGTGGTAAAGCATTTCACAGTCACAGTAATCTTGATATACACAAAAGAAGCACTACCGGAGAGAAACC
 CTATGATTGCAATGAATGTGGTAAAGCCTTTTCAACTCGCAGTCATCTTCAAATACATGAAATAATTCAT
 ACTGGTGAGAAACCCTATGTATGTAATCAGTGTGGTAAAGCCTTTGCATATCGCAGCAATCTTGAAGCAC
 ATGAGAAAACACACACTGGAGAGAAACCCTATGAGTGAATCAGTGTGGCAATGTCTATGCAAGTCGTAG
 TAGTCTTCGAAATCATGAAAAACATCATACTGGAGAAAACTCTATGGATGTAATCAATGTGGTAAAGCC
 TTTGCACGTCGTAGTAGTCTTGAATACATGAAAGAAGCACTGGAGAGAAACCCTTATGTATGTAATC
 AGTGCTGTAAAGCTTTTGCACGTCGCAGCAGTCTTCAAATACATGAAAGAAGTCACACTGGAGAGAAACC
 CTATGAATGTAATCAGTGTGGTAAAGCCTTTGAAGTCGACTAGTCTTCAAATCATGAAAAACATCAT
 ACTGGAGAGAAACCATATGGCTGTAACCAATGTGATAAAGCCTTTGAATTAAGTGTGATCTTCAAATTC
 ATGAAAGAATTCACACTGGAGAGAAACCCTATGTATGTAATCAATGTGGTAAAGCCTTTGTAAAGTCG
 TTATCTTCGAAATCATGAAAAACATCACACTCTTGAGAAACTCTATGATTGTAGTCAATGTGGTAAATCC
 TTTGCAATTTTCAGATATCTTCAAAAACACAAAAAACTCATACTGGAGAGAAACCATATAAATGTACTC
 ATTGTGGTAAAGCCTTTCATATCGCAGTAATCTTTATAGACATGAAAGAAGTCATACTGGAGAGAAACC
 GTATGAATGTAATGAATGTGGTAAAGCCTTTGCATATCATACTAGTCTTCAATACAAAAAATGTCAT
 ATTGGAGAGAATCCTTACGAATGTAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001142963
- Insert Size:** 1500 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_001142963.1](#), [NP_001136435.1](#)

RefSeq Size: 4747 bp

RefSeq ORF: 1500 bp

Locus ID: 100233208

Cytogenetics: 10