

Product datasheet for **MC218723**

LOC626578 (BC114209) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC626578 (BC114209) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	LOC626578
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC114209
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCAACCACAAATGGCTCCCATTTGCCTTGTGAAAACCACAATGAACAGCTGTCAGTGAACCAGG
 AAGCCATAGAGATTCTGGACAAGATTTCTCAGCCAGTGGTAGTCGTGGCTATTGTTGGATGGTCCCGTAC
 TGGGAAGTCTATTTGATGAAGTGTCTGGCGGGACAGAATCACGGCTTCCTCTGGGCTCCACTGTGCAG
 TCTCAAACCAAGGGCATCTGGATGTGGTGCATGCCACACCCACCAAGCCAGAGCACACCTGGTCTCC
 TGGACACCGAGGGCTGGGGATGTGAAAAGGGTGATCCTAAGAAGCACTTGTGGATCTTGGCCCTCAG
 TGTGCTTCTGAGCAGCCTTCATCTACAACAGCATGATCACCATCAACCACCGGCCCTGGAGCAGCTG
 CATTATGTCACAGAACTCACAGAGCTGATCAGAGCAAAGTCTTCCCAAATCCTGCTGGAATAAAGAATT
 CCACAGAGTTTGTGAGTTTCTTCCAGACTTTGTCTGGATTGTTGGGATTTTCATGCTGGAGCTGAAGTT
 AAATGGGAAGACATACAAGTGTGACTACCTGGAGAATGCCTTGAAGCTGATCCAGGTGACAAACCC
 AGAATGCAAGCATCCAATTCATGCAGGGAATGCATCAGACTTTTCTTCTAACCAGGAAGTGTTCCTCT
 TTGACCGGCCAACGCATGACAAAGAACTTTTACAAAACTTGATTCTATCACAGAAGACCAACTGGATCC
 TAAATTCAGGAAGTAACAAAGGCTTTTGTTCCTTACATCTTCACTTATGCCAAGATCAAGACCTAAAA
 GAGGGAATTAAGGTCACTGGGAATAAAGTAGGGATTCTGGTGACAACCTATGTGGATGCCATCAACAGTG
 GAGCAGTGCCCTTGTCTGGATGATGCTGTGACAACCTCTGGCCAGCGTGAGAACTCAGTAGCTGTGCAGAA
 AGCAGCCGACCACTATAGTGAGCAGATGGCCAGCGACTGAGGCTTCTACAGAAACGCTCCAGGAGCTG
 CTGGATGTGCATGCAGCCTGCGAGAAGGAAGCCATGGCTGTCTTCATGGAGTATTCCTTCAAGGATGAAA
 ATCAGCAATTCCTGAAGAAGCTGGTGGAATTAATAGGAGAGAACAAGAGCTTTTCTGTGGAAGAATGA
 AGAGGCATCAAAATAAATACTGTCAAGAAGAACTGGATCGACTTTCAAAGGATTTTATGGAAAATATTTCA
 ACATTTTTTGTTCCTTGTGGACACAAGCTTTACATGGACAAGAGGAGAAGATTGAGCATGACTACTGGC
 AGGTTCCAGGAAGGGGTGAAGGCAAGTGAAGTCTTCCAGAGCTTTCTGCAGTCACAGGCCTTCATCGA
 GAGTTCCATCTTGAGGCAGATACAGCGCTCACTGCTGGGAAGAAGGCCATTGCAGAGGAGCGTGCCAG
 AAGGTGGCGGCAGAGAAGGAGCAGGATCTGCTAAGACAGAAGCAGAAGGAGCAGCAGGAGTATATGGAGG
 CTCAAGAGAAAAGTCACAAGGAAAACCTAGAGCAACTGAGGAGAAAGCTGATGCAGGAGAGAGAGCAGCT
 CATCAAAGACCATAACATGATGTGAAGAAGCAGCTGAAGGATCAAAGGCTTTCTTGGAGGAGGATTT
 AAGAAGAAAGCTGAGGAAATGAACAAAGAGATACAGCAACTGAGAGATGTCATCAAGGATAAGAAAAGAA
 ACACTGATCGAATTAAGGATGCTCTCTTAATGGATTTTCTACAGTTCTTTTCATTACCTGTCCGTTA
 TCTAAAGCATTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC114209

Insert Size: 1836 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC114209](#), [AAI14210](#)

RefSeq Size: 2631 bp

RefSeq ORF: 1835 bp

Locus ID: 626578

Cytogenetics: 5 E5