

Product datasheet for **MC216575**

Gm5124 (NM_198633) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5124 (NM_198633) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5124
Synonyms:	EG331392; MGC169451
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216575 representing NM_198633
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGATACGGGCTTGCGCCGTGGTACCCAGCGACCTTTATCCCCTGTGCTCGGCTTTCTGCGAG
ACAACCAACTCTCGGAGGTGGCCAGTAAATTTGCAAAAAGCGACAGGCGCTACGCAGCAAGACGCCAATGC
CTCTTCCCTCTTGACATCTATAGCTTCTGGCTCAAGTCCACCAAAGCCCCAACGGTGAATTTACAGTCA
AATAGACCAGTGACCAAGAAGGTTAAGAAAGAGACTTCTTCCAGTGACAGCAGTGAGGATAGCAGTGAGG
AAGAGGACAAAGCCCAAGGACTTCCACACAGAAGGCTGCTGCACCTGCCAAGCGAGCCGGTGTGCCTCA
GCGTGTGGGAAGGCAGCAGCCAAAGCTTCAGAGAGCAGCAGTAGTGAAGAGTCCAGTGATGACGAGGAG
GAAGAGGACAAAACGAAAAGCCTGTCCAGCAGAAAGCAGTTAAGCCCCAAGCCAAAGGCAGCCAGACCTC
CTCCGAAGAAAGCAGAGAGCTGTGAGTCCGAGTCTGACTCAAGCTCAGAGGATGAAGCACCACAGACTCA
GAAGCCAAAGACAGCTGTGGCAGCTAAAGCTCCGACTAAAGCCGACGCCAAACAAGCTACACCAGCGAAA
GCACAGCCTAAAGTAGCCAATGACAAAGCAGCCAGAAGCCACAGCCGCCGCCGCTGCCACAGCAGCAGCA
GCAGCAGCAACAGCAGTGATGGCTCGCAGGAAGAGAAGGCAGCCGCACCTCCCAAGAAAAGTGCACCTAA
AAAGCAAGTCGTGGCCAAGGCACCAAGTAAAGTAGCTGCCGCCCTACCCAGAAGAGTTCTAGCAGTGAA
GATTCGTCCAGTGAAGAGGGAGAGGAACCGGAAAAAACCCATGAAGAAAAAGCAGGTCCTACAGTTCAC
TTCCACCGCCTTCTGTTCTTTACCAAAGAAGTCTCTCGGGAACCCAGGCTCCAAAGAAAGCTGCTGC
ACAGACAAAGCCTGCAGACAGCAGTGATGAGTCAGATTCAAGTTCTGAGGAAGAGAAAAACCTCCAGCT
AAGACGGTGGTCTCCAAGACACCTGCCAAACCAGCTCCGGTGAAGAAGAAAGCAGAGAGCTTTCGGACA
GCTCAGATTCTGACAGTTCTGAGGATGAAGCTCCTGCCAAGCCAGCCAGTACCACCAAGAGTCCCTTAAG
CAAGCCAGCTGTCACTCCAAGCCATCTGCAGCAAAGGCCGTGGCAACTCCTAAGCAGCCTGCAGGAGGT
GGCCAGAAAGCTCAGAGCAGGAAGGCCAACAGCAGCTCCAGTGAGGAGGAGGAGGAGGAGGAGGAGGA
GGGAGAAGGGGAGGGGAAGGGGAGGGGCAGGAGACAGAACAGTGAGGTTGGGAGGGGTCTGAGCAGGAC
TGTTTTGTCT**TGA**

ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198633

Insert Size: 1413 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_198633.3](#), [NP_941035.2](#)
RefSeq Size: 1975 bp
RefSeq ORF: 1413 bp
Locus ID: 331392
Cytogenetics: X