

Product datasheet for **MC222205**

Gm5114 (NM_177890) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Gm5114
Synonyms:	4921507A12; EG330513
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC222205 representing NM_177890
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCAGAAAACTCCAAAGTTCACCTTTCTTTGGGACAGAAAGCACTCTGCACCTTCTCTGCCTCTGC
 TGAGCAACTCCATACAGCCTGCAGGAACGGTGTGCAACTTTTCTAGGGTCTCCACCCAGATGTGAGTTC
 AGCATGGCTTCTACCATCAGCATCCAGCACTTCTCTCAGCCGCTCATGGGTAATGCCTATCTTAACCCA
 CATGCTGGCACAACCATGCTGACAGTGCTAACAGAGCAGGGCCAGATTTCCACCTCAGCACCTCCTATC
 CAGGTGCTCTCAAGTGGGATTGCACTGGAAGCACATAGGAGGGAAGATGCACTCCAGGACTTCAATAT
 GACCCTCATTGACCAGGACACTACACTCTCTCCCTGGCTGTGACAAACCAAGTGTGATAAAATTTAGAT
 CCAATGTCATAGTTCCTTTTATCCAACACTGCCTGCCAGCTTTGTCCAGGTACACCACCGCAGATGC
 TAAGTCAAGAATACAGCCTGGCACCTTCTACCAGGAAGGCAGCCAGGTCTATTACTATGAGCACAACAA
 CCTGGGCCCTCTGATAACTGGAGAATTTGGGCAGTGTTACAGCCCATGGCTCTGTGTCTTACCCTGGG
 AGTCAGACCTCTGTGCTCCAACCAGAGAAGGTGATGGTGTACAGGAGATTGAGCAAGGAATATCCAAA
 TACCACTTTTTACCTCTGCCTTCTCTATTCACATCTGCTCAGTCCATGCCAGACAACGGTCTTCCCGT
 GGTTCAATGGAGATGTCCCTGGGATTGCCACCTTCAGGCCAGACACACTGTGAGTGCAGAGTCCAGAA
 CTCTGCAACACCAAGTGTCCAGGTTTCCAGATAAGGCCACCAAGTGTCAACGGGACAGGGCATTAAACAG
 CCCCCATCCACAGTCTTCCAGTTCCTAGCCTTGTGTCCAGCTCCAAGCCTGGAACAATCAGAGAACAA
 AACCATGCCTGAGATAAAGAGGGCACAAAAGAAAACCAAGACACCAATCCTGACTTTGGAACACCTT
 GACTTGCAGCAGCCTCTGCACTGCACTGAGAGCCTCAGGCAGAAGCCTGATTCTGATAATGCC
 ATTTGGGATGCATCTACATGGGTCCGAAAGAGCTTGTGGGGCTAGAGAAGGAGATTGGATCCAGCTTCGA
 CTTTAAAGACATCACTAGGTTTGGGGCAGACATTCAACTTCCCCAACTCCTAAACACCTCAGACACATA
 GACCAAGATCAGTCTGTGAAAACCTGGAGAGTCAACAGTGGTCCCTCTGACCAGGTGAGGAAGAACAAAC
 ATAAATCCTTTGAGTTGCTTGAAGGGGATCCTCAGGCCAAATCCAGCACTGGGACCTGGTGGAGGGAGA
 AGGGGCTGTGGGTGTTGCTGGGGCAGTGACAGGGCTATTGACAACATGGCAAAGCACCCAGAGGGCAAA
 GATCCCAAAGTGCCCCCAGCAAGAAGAGAGCTAGAAAACAGCGGCAAGAAAGACCAAGTGTACCAAG
 AGAACACATCCAAGAAAACAGAGGAGCTTAAGCAGTCAAGGAACAGAGTCAAAGCAGAAGAGAAGCCAC
 CATCCCCAAGACCAAGAGGAAGAGGAACCCACCTGAGCTCAGTCAAACAGCTTCAAGAAGCCTCGATCC
 AACCTAGCAATGCACATGCTGGAGTCCGTGCAGGTCTTCCACCACTCGGGAAGAAGATTGAGAAGAAAA
 CTGGCATCTCTTCTTCCGGGGTCTGCGAACCTCCACCAACAACAAAGATCCAGGCCCAAGCTCAGTTAC
 TACAACAGTGTAAACATGCCAGGTGAGGGCCAGGGTCTCCAAAAGGCCAGGGAAGCTTCAGAGAGCA
 GAGAGCAGTGTGACAAAGATTGTCTATCTCCATCCAGTATGAGTGTGCCCCAGCTGGAAGGTCAAGT
 TAGTTCTCTGCTTTTCCAACCTCTGGACAAGCCTCAATCCAGACCTGCTTCTAGAAAGCCCTTTCCCT
 GGCTTTACGCAGGGCCACTACAGTTTACCCTGTGCAGCCTCACTCTCACTCAGCTCAACCTACCCTCTC
 AGGCCAGCCCAACCACTCCTGTGAGCTCATCTTTGATAGCCTCTGCCAAGCCAGCTCCTCAATTTCT
 CCAGTGCCACTGGACCTAATGTAACCAACCCCAACCACTAGTGTGTGAACAGTTGGCCACCTCGAG
 GCCTGTACCTACAGAGCTTCACTCACACATCATTCCAGAGAGAGCTTGTCTGCTGCCAGGAACAAG
 GTACCATCACTCCAAACCTCAAACCAATATCTGTTGCATGACTTCAGCCGCCAGCCATTCCATGGA
 AGAAAGTCGACATTCTGGGACCAAGTGTGTCAACCCATCAGAAAAGAGCAGAGGGCCAGAGAGGGAGGC
 CATGAAGAGCGTGCTCAACAAGAGCGTGAGAATGCTGTCAAGAACCCCTCTACTGGGAACTGCAGATT
 TTCTTCAGAGGGAGGGATATGGAATTTCTCAATATTATGGCTATGCAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_177890

Insert Size:

2577 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:	<u>NM_177890.3</u> , <u>NP_808558.2</u>
RefSeq Size:	3047 bp
RefSeq ORF:	2577 bp
Locus ID:	330513
Cytogenetics:	7