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Product datasheet for MC222214

Gm5591 (NM_001013810) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5591 (NM_001013810) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5591
Synonyms:	EG434171
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC222214 representing NM_001013810
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCAGAAAACTTCCAAAGTTCACCTTTCTTTGGGACAGAAAGTGCTCTTCAGCCCTCTCTGCCTGTGA
TGAACAACTCTACACACTCAGGAAGGGTGTGCAACACCTCCAGTGTTTCCACCCCAGCTGTGAGTTTAGC
ATGGATCCTACCACCAAGCACCAACACTTCTGTCCAGGTGATCACAGGCAGAGCCTACCTTAACCCACAT
GCTGGCAAGACCATGCTGGTGGAGCTTACTGAACAGAGCCAGAACTCAACCTCTGCACTCTTCTATCCAG
GTGTTCTCAAGTGGGAACTCGCAGAAAGCAAAGATAGGGGAGATGCAATCCAGGAATTCAATATGACCAT
CACTAACCAAGACACTGGACTCTCCTCCCTGTCTGTGACATCCCAGTGTGATAAAATTTTAGATCCCAAT
ACCATAGCCCCTTTCCATCCATCACTTTTAACCAGTTTTGTCCAAGTTACACCACCACAGGTACCAGATC
AAGGATACAGCCTGGCACCTTCCTACCAGGATGGCAGCCAGGTGTACTACTACAACCACAATTGCCTGGA
CCGTCTGATACCCGGAGAACTAGGACAGTGTTTGCAGTCCTACAGCTCTGTGTCCTACCCTGTGAGCAAG
GGGTCTGCCCCTCAACCAGAGATGCTGATGGTGGGAAAGGAGATTCAGCCAAGGAATGTCCAAATACCAA
TCTCCACCTCTGGCTTCTCCTATTCCACATCTGGTCAAAATATGCCAGACATCAGTCTTCAGGTGGTGCA
CATGGAGACATCCCAAGGATTGCTACCCTCGGGCCAGACAGTCAGTCTGTTGCACAGTCCAGAACTCTGC
AATATTTCCACCGAGGTTTTCCAGATGAGGAAAACACCTGTCAATGGGGACAGGTTATTAACAGCCCCCG
TGTACAGTTCTTCAAAATTCATGACCTTGCCTCTAGCTCCAATCCTGGAAGAAAGAGAGAATGAAAACAT
GCTTGAGATGAAAGCTGAGCTGTCAATGCCTCGGGATGCCTATGAGGGCACTAAAGAAAACCAAGGACCA
TCACACCTTCCTTTACTGCACCCTGACTGCACTGATACAAGAAGTCTAAGACCGAAATCTGCTTCTGACA
ATGCCACCATGGAAGGCATTAGTGTAGGTCTGGAAGAGCAAGAGAAGCTGGAGAATGAGACTGGATCCAG
AAACAACTTTGACGACATCACTACACTGGGAACAGGTGATCACCTTCCTCAGTTCTTCAAAACCCTCAAA
GACATAGACTGGGGCCCTCCCCTTCAGAGCTGGAGAGTCATGAGCAGCTCCTCTGAAAAGGTGACAGAGA
ATGACCTAAAAACCTCTGACCTGCTCGATGGAGCTCCTCAGGCTAAAATCCAGCACCAAGACCTGGTCAG
GGTAGAGGGCAGTGGGGGCTGTGCAAAGGACAAGGAAAGAGCTATTGACAACATCTCAAAGCATCTGGAG
GGCAAAGCTCCCAAAGAGGCACCCAGCAGGCACAGAAGAGGTAGAAAACAGGGGCAAGAAAGACCAAGTG
GGCCAGAGAACAACTCCAAGAAAACACAGGAGCTTAAGCAGTCAAGGGACAGAGTCAAAGCAGAAGAGAA
GCCCACCATCCCCAAGACCAAGAGGAAGACGAACCCACCTGAGCTCAGTCAAAACAGCTTCAAGAAGCCT
CGAACCCACCTTGGCATGCACATGCTGGAGTCCGTGCAGGTCTTCCACCCACTCGGGAAGAAGATTGAGA
AGAAAACTGGCATCTCTTCCTTCGGGGGTCTGAGAACCTCCACCAACAACAAAGATCGAGGCCCAGGCCC
AGCCACCCCAGCACTGCTAGATATGCCACCTGAGGGCCGGGGTCCTGACAGAATCCCAGGTAAAGCTCAG
AGAGTGAAGATCAGTGCTCACAAGGAGTGTACATCTCCATCCCAGTACGAGCTGCCCCTGCCTGGGAAGG
TCAAGTTAGTACCTTTGCCTTTCCCAACACTGGACCAGCCTCAAGCCAGACCTGCTTCTAGAAAGCCTCT
CCCCCTGGCTTCACACAGGCCCACTGCAGCTTACCCTGTGAGGCTTCATCCCCACTCAGCTCATCCATCC
CAACCAGCTCCTGTCAGCACATCTCTGATGGCCTCTGCCAATTCAGCTCCTCCAATTTCCCCCAGTGCTA
CACAACCTAATGCAGCCAACACCAGTCAGTCTAGTGCTATGCCTCAGTTGGCCCACATGAGGCTTGTACC
CTACAGAGCATCCTCTCACACTTCATTCCAGAGAGAGCTTATTTCTTCTGGCAGGAAGAAGGCACCATCA
CTACCCAAACCTCAAACCCAACATCGACTGCAAGACTTCAGCTGCCAATCAATTCCATGGAGGAAAGTCG
ACATTCTGGGACCAGTCATCTCACAGCCCATCACAAAAGAGCAGAGGCCAGAGAGGGAGGCCATGAAGAG
TTGTGCTCAACAGGAGCGTGAGAATGCTGCCAAGTGTAGCTCTCCTGGGAAACTACAGATTTTCCTTCAC
AGGGAAACTGATATGGAAACTTCTCTTTATTATGGCTATGCAATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013810

Insert Size: 2568 bp

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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_001013810.2, NP_001013832.1
RefSeq Size:	3441 bp
RefSeq ORF:	2568 bp
Locus ID:	434171
Cytogenetics:	7

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