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Product datasheet for MC221781

AW551984 (NM_178737) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AW551984 (NM_178737) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	AW551984
Synonyms:	3222402N16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC221781 representing NM_178737
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGCGTTCTGGCGGCTTACTCACTAGCATAAGAGATCCAGTGGCACTGAAGAGCATTGCTGTGACTC
TGTCCATCAATGATTTTGTGGCTGGTGTGTCTGCAACCCTAAACTATGAGAATGAAGAGAAATCACCCCT
GGAGGCCTTCTTTGTGTTCCCCATGGATGAAGATTCTGCTGTCTACAGCTTTGAGGCCTTTGTGGATGGG
AAGAAAATTGTGGCAGAACTTCAGGACAAGTACCAGGCCCACAAAAGGTATGAAGAGGCCCTCTCTGGAG
GATATCAGGCCTACTTATTGGAGGAAGACAAGTGTTCCCGGGATGTCTTCTGTTGCAATGTGGGGAACCT
GCAACCAGGGTCAAAAGTGTCACTGACCCTGAGATATGTGCAAGAACTTCCCTTGGAAGACGATGGGGCC
CTGCGTTATGTGCTCCCAGCCATCCTGAATCCTAGATACCATCTCTCCGATGGACGTGAGGACAGTAATC
TGGATATGAAGACCCCAATAGTCCCTTTGGAGGAATTGCCCTACACACTCAGCATGGTTGCCACTATCAG
CTCCCAGCTTGGTATCAGTACAATCCAATCCAACTGTCCCTTGAATCCCATTGAGTACACTGGAGATAAC
AAGACCTCAGCTCAGGTTTCCTTGGCTGAAGGACACAAATTTGACCGGGATGTGGAACTCCTGATTTTCT
ATAGGAAGGTGCACAGTCCGAGCGTAGCTGTGGAGATGGGGATGTCTGGAAGGCCATCAGATAGTTTAAT
GGGAGCACCTTCTGCAATGGTGAGTTTCTACCCAGATATCCCAGAAGTGGAGACCACAACAAAATGTGGA
GAATTTGTGTTCCTTATGGACCGTTCAAGAAGCATGAATAGCCCCATGAGTTCCAAGGACAAGTCTCAGC
TGAGAATAGATGCTGCCAAGGAAACACTGATTCTGCTATTGAAGAGTTTGCCAATGGGCTGCTATTTCAA
CATCTATGGATTTGGAGCCACCCATGAGGAGTTCTTTCCAGACAGTGTGATGTACAATCAGGAAACCATG
CAGATTGCTGTGAAGAAAGTAAAGCGTTTGTTGGCGGATCTAGGAGGGACTGAACTTTTAACACCACTAC
GGAAAATTTTTAGGAAACCCCCAATCCCAGGGCATCCCTTACAGGTCTTTGTCTTCACTGATGGAGAAGT
TGTTGAAACTTTTAGTGTAATCAGAGAAGTTATGTTCCAGAGCAAGAAGCACAGATGTTTCTCATTTGGC
ATTGGAGAAGGGGCCTCCACTAGCTTAATCAAGAACCTTGCCCGGGTGTCAGGGGGCACTGCAGAGTTTA
TCACAGGCAATGATAGGATGCAGTCCAAGGCCCTTAGATCTCTGAGGCGTTCTTTACAGTCTGTAGTAGA
GGATGTCTCTCTGAGCTGGAATTTGCCTCCCAAGATGTTTGCACCTATGCTATCTCCAGAACAAACTTCT
ATCTTTAGGGGTCAAAGGCTAATCATCTACAGCCTACTGATTGGAAAAATACCAAAAGAAGAGGCAACCG
GTGAAGTGTGTCTCTCATATAAGCTTCATGGTAAAAGTTATGAGGAAAAAGTGACATTTTCTCTACAGCC
AAAGCCTGATGACAACCTCACCATTCACCGTCTTGCTGCAAAGTCCATGATCCAGTCCAAAGACTTTGGC
TTCAAGGAGACGTCACTAATGTATAAGAGAGATGTGCTGGACATCAGCCTAGAGTCTGGAGTCATGAGTT
CCTTTACAGCCTTTGTTGCCATCAACAAGGAGCTCAACGAGCCCATCCAGGGGCCCCTGGTGCATAGGGA
TATCCCAAGGCCTATTCTCTTGGGTGCAGGTCCTAATAGGCCCTCTGATGGTGGTTATCCCAAAACTTTA
TTCTGCGCCAGTGCTCCTGTAACTCTGCCTCCATGGCTGAAGGGCTCAGGAAAATGTGTTGCTACAATAC
TCATGCCAAATGGCACACCCCAACAGCGTCAGAACAGCCAGAAGAAGAAATGTGTGGTTCATACAGATAC
TCGCCCTGAGTTGCCCCACCTGGCTAAATATGACAGTTACCCACAAGGGAGTAAGGAGCATAGTATTGCA
CAGCTGATATATCTCCAGAATGCAGATGGTTCCTGGGATATGAATGAGGATTTAGCTAAGATTCTAAGTA
CTAGTTTGGAAGACATCACAGCTGCATGCCCTACTGAGGTGTTAGAACCCTCAGCCTGGGCTACAATGCT
GGCCGTGATCTGGCTGCATGCCAATGGCAAGGAATTGAAGGACGAGTGGGAGCTTCTGGAAAGAAAGGCT
GTGGTTTGGCTTCACAATAATTCAGTCCGTGGTTTCAACAAGCTTATACGTACTGCCAACAAGCTCTTGA
AGACATCTTTGAGCCCCTCGATCTTCAAGTTATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_178737

Insert Size: 2415 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_178737.5, NP_848852.1
RefSeq Size:	4293 bp
RefSeq ORF:	2415 bp
Locus ID:	244810
Cytogenetics:	9 A5.1

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