

Product datasheet for **MC228972**

AW551984 (NM_001199556) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AW551984 (NM_001199556) 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: >MC228972 representing NM_001199556
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGC GTTCTGGCGGCTTACTACTAGCATAAGAGATCCAGTGGCACTGAAGAGCATTGCTGTGACTC
 TGCCATCAATGATTTTGTGGCTGGTGTCTGCAACCCTAAACTATGAGAATGAAGAGAAATCACCCCT
 GGAGGCCCTTTTGTGTTCCCATGGATGAAGATTCTGCTGTCTACAGCTTTGAGGCCTTTGTGGATGGG
 AAGAAAATTGTGGCAGAACTTCAGGACAAGTACCAGGCCACAAAAGGTATGAAGAGGCCCTCTCTGGAG
 GATATCAGGCCTACTTATTGGAGGAAGACAAGTGTCCCGGGATGCTTTCTGTTGCAATGTGGGAACT
 GCAACCAGGGTCAAAAGTGTCACTGACCCTGAGATATGTGCAAGAACTCCCTTGAAGACGATGGGGCC
 CTGCGTTATGTGCTCCAGCCATCCTGAATCCTAGATACCATCTCTCCGATGGACGTGAGGACAGTAATC
 TGGATATGAAGACCCCAATAGTCCCTTTGGAGGAATTGCCCTACACACTCAGCATGGTTGCCACTATCAG
 CTTCCAGCTTGGTATCAGTACAATCCAATCCAAGTGTCCCTTGAATCCCATTGAGTACACTGGAGATAAC
 AAGACCTCAGCTCAGTTTCTTGGCTGAAGGACACAAATTTGACCGGGATGTGGAACCTCTGATTTTCT
 ATAGGAAGGTGCACAGTCCGAGCGTAGCTGTGGAGATGGGGATGTCTGGAAGGCCATCAGATAGTTTAA
 TGGAGCACCTTCTGCAATGGTGAAGTTTCTACCCAGATATCCAGAAAGTGGAGACCACAACAAAATGTGGA
 GAATTTGTGTTCCCTATGGACCGTTCAAGAAGCATGAATAGCCCCATGAGTTCCAAGGACAAGTCTCAGC
 TGAGAATAGATGCTGCCAAGGAAACTGATTCTGCTATTGAAGAGTTTGCCTTGGGCTGCTATTTCAA
 CATCTATGGATTTGGAGCCACCCATGAGGAGTTCTTTCCAGACAGTGTGATGTACAATCAGGAAACCATG
 CAGATGCTGTGAAGAAAGTAAAGCGTTTGTGGCGGATCTAGGAGGACTGAACTTTAAACCCACTAC
 GGAAAATTTTAGGAAACCCCAATCCAGGGCATCCCTTACAGGTCTTTGTCTTCACTGATGGAGAAT
 TGTTGAAAATTTAGTGTAAATCAGAGAAGTTATGTTCCAGAGCAAGAAGCACAGATGTTTCTCATTGGC
 ATTGAGAAGGGCCCTCCACTAGCTTAATCAAGAACCTTGCCCGGTGTGAGGGGCACTGCAGAGTTTA
 TCACAGGCAATGATAGGATGCAGTCCAAGGCCCTAGATCTCTGAGGCGTTCTTTACAGTCTGTAGTAGA
 GGATGTCTCTGAGCTGGAATTTGCCTCCCAAGATGTTTGCACCTATGCTATCTCCAGAACAACTTCT
 ATCTTTAGGGGTCAAAGGCTAATCATCTACAGCCTACTGATTGGAAAAATACAAAAGAAGAGGCAACCG
 GTGAAGTGTGCTCTCATATAAGCTTCATGGTAAAAGTTATGAGGAAAAAGTGACATTTTCTCTACAGCC
 AAAGCCTGATGACAACCTCACCATTACCGTCTTGCTGCAAAGTCCATGATCCAGTCCAAAGACTTTGGC
 TTCAAGGAGACGTCATAATGTATAAGAGAGATGTGCTGGACATCAGCCTAGAGTCTGGAGTCATGAGTT
 CCTTTACAGCCTTTGTTGCCATCAACAAGGAGCTCAACGAGCCATCCAGGGGCCCTGGTGCATAGGGA
 TATCCCAAGGCCTATTCTTGGGTGCAGTCTAATAGGCCCTCTGATGGTGGTTATCCAAAACTTTA
 TTCTGCGCCAGTCTCTGTAACCTGCTCCATGGCTGAAGGGCTCAGGAAAATGTGTTGCTACAATAC
 TCATGCCAAATGGCACACCCCAACAGCGTCAGAACAGCCAGAAGAAGAAATGTGTGGTTCAACAGATAC
 TCGCCCTGAGTTGCCCACTGGCTAAATATGACAGTTACCCACAAGGGAGTAAGGAGCATAGTATTGCA
 CAGCTGATATATCTCCAGAATGCAGATGGTTCCTGGGATATGAATGAGGATTTAGCTAAGATTCTAAGTA
 CTAGTTTGAAGACATCACAGCTGCATGCCCTACTGAGGTGTTAGAACCCTCAGCCTGGGCTACAATGCT
 GGCCGTGATCTGGCTGCATGCCAATGGCAAGGAATTGAAGGACGAGTGGGAGCTTCTGGAAGAAAGGCT
 GTGGTTTGGCTTACAATAATTCAGTCCGTGGTTTCAACAAGCTTATACGTACTGCCAACAGCTCTTGA
 AGACATCTTTGAGCCCTCGATCTTCAAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001199556
Insert Size: 2415 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001199556.1, NP_001186485.1</u>
RefSeq Size:	4303 bp
RefSeq ORF:	2415 bp
Locus ID:	244810
Cytogenetics:	9 A5.1