

Product datasheet for MC223159

Ankmy1 (NM_172850) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankmy1 (NM_172850) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankmy1
Synonyms:	4930483I10Rik; ZMYND13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223159 representing NM_172850 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAAATTCGTTCCGTTGTTACCACGGACTCTCAAGGCTCGAAAACCTTAAGCTCCAGAGGTCTGG
AGGGGCAAAATGGTCGGTCTCTTGACACTGAGAGCCAGGATTCGTGAAGAGCTACACCTTCTTCAGAAG
GAGCCGTCAGGGGATCTCGGAGAGGATGAGGAGGAGTCTGAAGCACCGTGGGCGAGCAGGACCTGAAG
GGGACTTACAAGCAGCTTGTCGAAGGGTTTCAGGAGTGGCAGGATGGCTGTGTTTACAAAGGGGAGTTTCG
GGCTCAACATGAAGCTTGATACGGCGAGTTCTCTTGGCCACAGGCGAGGCCTACCATGGGCAGTTTTTA
CCGGGACCATTTCATGGCCTGGGCACCTACACGTGGCCGGATGGCTCCAGCTTCACAGGCACGTTTTAT
CTCAGCCAACGAGAAGGCTACGGGACCATGCACACAAAAACAATGTTATTCCAGGGATTGTACAAAGAGG
ACCAGAGATTTGGGCCGGGCATCGAGACCTACCCTGATGGCAGTCAGGATGTTGGCCTGTGGTTCCGTGA
GTACCTCCTCAAGCTGTGCACCAGGGTTCCACGCGTTTCTCCTTGTTAACTACCCGAATTCTTGGCC
TTCCTCACAAATCGAGAAGGAGACTTGATCTCTCAGATGAGAAGGTGGAGTTGGGTCTTTCTGAGGAGC
AGGACCCCTTCTCTATGACTATAAACAGTATCTCCTGAATGATGAACTAAAGCTGCCTCCAGAGATGCA
CGTCTATTCGACCGACAACAGTCACCTGCCATGACCGACTCCCTGCGCCAAGAGCTAGATGACCACATC
TTCATGAATGAGATCCCTCCGTTTCATTGAGGACGAAGAACCCTGGCTCATAACAAACGAGACTCCTTTGT
TGGTCAAAATCCAGAAGCAAACTTACAAGTTTCAGGAACAAGGATGCTCATACCAGCTGGAACATACCTGC
CATCCTGGAGGGGAACCGCAGCAGGTTTGGGCCACGCGCCCAAGGAGCAGATTTCAGAAGATGATC
ATGAAGGCTGAGGAAGGGGACTATAACTGGATTTTGAATCTTGAGGGACAACCTTGCCTGTGCTGACG
TGGCTGACTCCAAGGTTACACTGTGCTGGCCGCTGCGGCAATGCATTCTCACCTGGACATTGTGAACCT
TCTCCTGGATTTTCGGCGCTGACGTGAACAAGCGCTCGGACGAGGGCATCACGCCCTCAGTATGTGCTTC
CTCCAGTATTATCCCTGCAAATCCTTCCACCCCAACATTGCTGAGAGGACCCTGCTTCAGGAATCTCCTA
AATCCTTGGTCACCCCAAAATTTTCATTCTTGCTTGGGATGCAACATAGATTATCTACGATGTGGG
CATGCCCATAGCAGGTGGAGATGAATTGAAGACAAGCAGCCTGGATGACTCCCTGGCCTCCATGCAACC



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CCGGAGTCCAGCAACATGCTTCACAAGGAAGAAGTCTCCCCAGTGAAGACTGTCAGCACTGACGTAGAGA
AAGAGTCTGAGGGAGCGGCAGAAAATGTGGACGCTAGCACCTTGTACAGCGTCGATACAAATTTTCGAGTC
TACCAAGTGCCTGCGGAACACTATTAATGTCTCGAGGGACATCATGGAGAAGAGTGGCCAGGCCTAC
AGTTTCATTGCCACAGCACCCCTGCTTCCCATACAAAGGGACCGTGAGGAAAATGGCACAGTCCATGGTGC
AACGCAGAAACCGTTGGATGACCATCACATTGCTGCTCCGAGAGGTGCCGATCCTAACCTGTGTCAAGT
GGCCATGCAGGCTCTGTTTCTCGCGTGAAGGCTGGGGATGTGGAAGGGGTGAGGCTGCTACTGATGAGT
GGGGCCAGACGGACATTCACTTCTCCACAGTTGCAGTCCCTGACCCCGCTCCACATCGCAGTCTCCC
TTCCCGGGGAGGAGGGCGTGAAGATCACTGAGCTGCTGCTCCACGTGATCACTAACGTGGACGCCAAGGC
AGCGGACGAGGACTACGTGTACAAAGGTGGCAAGGCTGATCTCCTGCCCTCAAGCCTGAAGCTCAACAAT
GAGCCGGGCCCCACCAAGAGCTTCTACTCCACACACATTATCCCAGAGGAGGGAGGGCGCACAGCTC
TGCATGTGGCCTGTGAGAGAGAGGACAACAAGAAGTGTGCCAGGACATCGTGCGGCTCCTTCTGTCCCA
CAGAGCGAATCCAAACGTGCTGTGGAGCGGCCACTCCCCGCTCTCGTGCCATTGCCAGTGGGAATGAC
CTGTTGTGAAGGAGCTCCTGTCCAGGAGCTGACCCCAACTTGCTCTGACCAAAGGCTTGGGCACTG
CCCTGTGTGTGTGTGTGACCTGGTCTATGAGCAACAGAGGAGCGTCGAGAACAAGATTGCCCTGATTGA
CCGGCTCATTAGCTACGGGGCGGATGTCTGAACCCCGTACTCTGTGCAAGGCGATAGGACGGCTGTG
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CTCTGATGCCAGCAGAGCGGGAGGTATTATGGCCCGAAAAGGCTGCTGGAGTACTTAGCTTGAATT
GCGCCTTGCTGTCTCAGCAAGGAAAGCGGCTGGACACGAAGGCCCTGTACCTGAGCAAGAGAGAGCTG
GCTCCCTGTACAGGCTGAAGAAAAAGGTTCCAGCTCGGTTAGGACCCAATCCTCGGAGAAGCAGTCAA
TTCCCTTTTACAAGTTTGTCTACAGTGTGGCCGCTCCATCGGGTCCGCTCTCACCTGCCCCGCTG
CTATGGAATCTGACTTGTAGCAAGTACTGCAAGACCAAGGCCTGGATTGAGTTCACAAGAAGGACTGC
AACGACATCATGGCCATGATTCTCACTTGAAGGTTTCGGCTTGAGGGTGGCAGAATCTCCATGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_172850
Insert Size:	3006 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_172850.3</u> , <u>NP_766438.2</u>

RefSeq Size:	3243 bp
RefSeq ORF:	3006 bp
Locus ID:	241158
UniProt ID:	<u>Q8C0W1</u>
Cytogenetics:	1 D