

Product datasheet for RN215601

Ankmy2 (NM_001108019) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankmy2 (NM_001108019) Rat Untagged Clone
Tag: Tag Free
Symbol: Ankmy2
Synonyms: Gna14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215601 representing NM_001108019
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTACATAAAGAAAGGCGAGCTGACCCAGGAGGAAAAGGAAGTGTGGAAGTGATCGGAAAAGGTA
 CCGTCCGAGAAGCCGGGACACTGTTGTCTAGTAAGAATGTTTCATGTCAACTGCTTGGATGAGAATGGAAT
 GACTCCTTTAATGCATGCGGCATATAAGGGAAAAGTGAATGTGCAAATGCTTCTGCGACATGGAGCT
 GATGTCAACTGCCATCAGCATGTGCATGGGTATACGGCCCTCATGTTGCCGCACTGTCTGGTAATAAAG
 ACATCACCTGGGCCATGCTGGAGCGGGAGCAGAGACAGACGTTGTGAACTCGGTGGGAAGAACGGCCTC
 CCAGATGGCAGCCTTTGTGGGTGAGTATGATTGTGTGGCTATCATCAACAATTTTTCCCTCGAGAGAGA
 CTGGATTATTACACCAACCCAGGGACTGGATAAGGAGCCAAAAGTCCCTCCAAAGTTGGCAGGCCAC
 TGCACAAAATCATCACCACGACGAATCTCCACCCTGTCAAGATCGTGATGCTTGTGAGTGAGAACCCTCT
 GCTGGCAGACGACGGCTCTCGGTAATGCTACAAGGTGATGGATTTGATCTGTGAGAAATGCATGAAG
 CAAAGAGACATGAATGAAGTCTGGCTATGAAAATGCACTATATCAGCTGCATCTTTCAGAAATGCATTA
 CCTTCTCAAGGAAGGGGAGAATAAGCTGGACGCCCTGATCAAAAAGCTTGTGAAAGGCAGAGCGTCGGA
 CGGCTTCCAGTGTATCAGGAAAAGATCATCAGAGAAAAGCATCAGGAAGTTCCCTACTGCGAAGCTACA
 CTCTCCAGCAGCTGGTGCAGCATCGCTCCAGTTGAAATCGTGATATATTGTGACCAGATCTGCCAGA
 AGACACACTGGTTCGCACATAAGAAGATGTGTAAGAGTCTGAAAGATGTTTATGAGAAGCAGCAGACCGA
 AGCTGCCAAACAGAAGAGGCAGGAGGAAGCAATGCCAATTCTAACCATGTTAATGAAGATGAACCCAGAG
 GCTGAAGTGGGTATCTCTACGAAGATCCCACTCCTGGCAGTCTGTGAAAGGGAGGAGGAAGCCAGCA
 AGGAGGCTGAACTGGCAGTGCACAGGATGCTCCTGCAGGGCCACAGCTGTCCGAGGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001108019
Insert Size:	1182 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:	<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_001108019.1, NP_001101489.1</u>
RefSeq Size:	2229 bp
RefSeq ORF:	1182 bp
Locus ID:	314046
Cytogenetics:	6q16