

Product datasheet for **SC321798**

ANKMY2 (NM_020319) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKMY2 (NM_020319) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKMY2
Synonyms:	ZMYND20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_020319.1
 CCGTCCGCTGGCTCGCCGAGCTCGCCGCTGTCCGCCAGCCCGGGAGGGAGAGAG
 AAGCGAAGCGTTTCCGCGTTGGCTACTCAGTGTCTTGGTCTCAAGTTGCCTCATTGCGG
 CTGGCGTTCCCAATACAGACGCATCGTTTCTTTTTAATACTCCCTAAGAAAGGGAATAA
 CCTTCAAGCTGGCGGGAGCAATGGTTCACATAAAGAAAGCGAGCTGACCCAGGAGGAGA
 AGGAGCTACTGGAAGTCATCGGAAAGGTACTGTCCAAGAAGCTGGAACATTATTATCCA
 GCAAGAATGTTCTGTCAACTGTTTGGACGAGAATGGAATGACTCCTCTAATGCATGCAG
 CATATAAAGGAAAACTCGATATGTGCAAATTAATACTGCGACATGGAGCCGATGTAATTT
 GTCATCAGCATGAACATGGATACACAGCCCTCATGTTTGTGCACTTTCTGGTAATAAAG
 ACATCACATGGGTAAATGTTAGAAGCTGGTGTGAGACAGATGTTGTCAACTCTGTGGAA
 GAACAGCAGCTCAGATGGCAGCCTTTGTGGTCAACATGATTGTGTGACCATAATCAACA
 ATTTCTTCTCGAGAGAGACTGGATTATTACACTAAGCCCCAGGGACTGGATAAAGAGC
 CAAAAGTCCCCAAAGTTGGCAGGCCCGCTGCACAAAATATCACCACAACGAATCTTC
 ATCCTGTCAAGATCGTGATGCTTGTAAATGAGAATCCTCTGCTGACAGAAGAAGCAGCCC
 TGATAAATGCTACAGAGTGATGGATTTGATTTGTGAGAAATGTATGAAGCAAAGAGACA
 TGAATGAAGTATTGGCTATGAAGATGCATTACATAAGCTGTATCTTTCAGAAATGCATTA
 ACTTCTTAAAAGATGGAGAGAATAAACTGGACACCTTGATCAAAAAGCTTGTAAAAGGCC
 GAGCTTCTGATGGCTTTCCAGTGTATCAAGAAAAGATCATTAGAGAAAAGTATCAGAAAAT
 TTCCTTACTGTGAAGCTACACTCCTCCAGCAGCTGGTTCGAAGCATTGCTCCTGTTGAAA
 TTGGTTCTGATCCCACCTGCACTTCCGTCCTTACCCAAGCCATCACTGGCCAGGTGGGTT
 TTGTGGATGTGGAATTTTGCACCTGTTGGAGAAAAGGGAGCAAGTAAAAGATGTTTCA
 AGAAAATCTGTAAGAATCTGAAGGACATTTACGAAAAGCAACAGTTGGAGGCTGCCAAA
 AAAAGAGACAAGAGGAAAACACCGCAAACCTGATGTCAATTCTAACTGTGTTAATGAAG
 AGCAACCAGAGGCTGAAGTAGGTATCTCTCAAAAGGATTCTAATCCTGAAGATTCGGGG
 AAGGAAAGAAAGAATCTTGAAGCGAAGCTGAGTTGGAAGGCTTACAGGATGCTCCTG
 CAGGGCCACAGGTGTCTGAGGAGTAAAAGCCAGAGCAAGTGCCAGTGTGGATGGTCTCA
 CCCTGCAAGAAGCTGGAAAACCTAGGAATGCATTGTCCTCACCTTGTATACCTGCGT
 GGCACCATGGCAGGATCCACATTTTATAGAATACAGGTTTTCAAGCAAACCCCTGTTGA
 CCATGCCCTAATTTCTATTGATTTCTGTTCTATAATTGAATGGATATTCCTATGGAAAA
 TTTTTTGTTCAAAATACAGGAAAACATTCCTATTACCTTTCTGAGGCTGGCTTTCCAG
 CAATTGTTTCAAAGGAAAATAGATCCCCTTAAAGAAAAAATACAGGCTTTAGGGAACAAA
 GGGACAAGCAGAACAGGTGTGGAAGAGAGATTTTCAGGAAGGGAAAAATTTATAGCTACA
 GAGGGTAGTTAGAAAAATCATAACTTATATGTGAATAAAATACATATAAGCAGCATTAC
 GGTAGTGGCATTCTACTATTAAGATGCAATGAAATGAAGAAAGGCTTTATGTTCAAGGA
 CCTTTGCCATAGTTCAGCTAATTGTAGTTTTATATAGAAATGATCCTGAACACTCTGAAC
 TTGACGTAGTCTGCGGTGATTTCTATCTGCAGTATTTGTACCTCCAGAATGGCAGATC
 CCTCAGCAGGAACAAAGGCATATTGACGGTTCTCTCAGCGTATGCATTAATAAAGGTACT
 TCCTGAAACTTTTGATTCATAAATGACTAAACATACTATGTACACAATTACTGTAAGGCT
 AATTCACGTGCCATACTCCACCTGAAAGCCTGAGTTATCTTGCTATAAGCTTTTTCATGGA
 GCACTTCTTTCCAGAAAACCTGATTTGAACTCATTAGAGAATGCTCCTGGCGTCGTTTTT
 TAGCATATGTGGTATTTAAACAGAGCTAGAATGTGATGTCTGAAGATAATGCTGCATTTT
 TGGGTTTCTGTGTGGATTTTAAATAAATTTGTCCTACAATATAAACAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020319

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_020319.1</u> , <u>NP_064715.1</u>
RefSeq Size:	2500 bp
RefSeq ORF:	1326 bp
Locus ID:	57037
UniProt ID:	<u>Q8IV38</u>
Cytogenetics:	7p21.1
Gene Summary:	May be involved in the trafficking of signaling proteins to the cilia.[UniProtKB/Swiss-Prot Function]