

Product datasheet for **MC221820**

Anks6 (NM_001024136) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anks6 (NM_001024136) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anks6
Synonyms:	2210417J20Rik; Ankrd14; b2b1801.1Clo; Gm635; SamCystin; Samd6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221820 representing NM_001024136
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGAGGGCGCGCTGGCCCCGGCCTGCAGCTGCTGCTCCGCGCCTGCGAGCAGGGTACACCGACA
 CGGCGCGCGCCTGCTGGAGCCAGGCGCGGACCCGGTCGCGGGGCCAGGCGGGAGCGGAGCCGGCAGG
 GCCCGAGCGGTCGCGGAGCGGAGGCCGGGGCGCCGGTGCCGGTGGACTGTTCCGATGAGGCGGGCAAC
 TCGGCGCTGCAGCTGGCGGCGCCGGTGGCCACGAGCCACTCGTAAGTTCTGCTGCGCCGCGGAGCCT
 CGGTCAACAGCCCAACCACTACGGCTGGAGCGGCTCATGCAGGCGGCCAGGTGTGGGCATGTGAGCGT
 GGCACACCTCCTTTGGATCATGGAGCCGATGTCAATGCTCAGAATCGGCTGGGTGCCAGTGTGCTCACC
 GTGGCTTCTCGGGTGGCCACCTGGGTGTGGTGAAGCTGCTGCTAGAGGCGGGAGCCATTGTGGACCACC
 ACACCCCTTCTGGAGAGTCGCCAGCAACGGGAGGCAGCGGGGATGAACTGCTGGCATTACAGCCCTGAT
 GGCCGCTGTTAGCATGGGCACGAGCCGTGGTACGTCTGCTGATGGAGTGGGTGCGGACCCTAACCCAC
 ACAGCCCGGACTGTGGGCTGGAGCCCTCTGATGCTGGCAGCCCTCCTTGGGAAGCTGAATGTGGCGCAGC
 AGCTGGTGGAGAAGGGAGCCAACCTGACCACCTCAGTGTACTGGAGAAGACTGCCTTCGAGTTGCTCT
 CGACCCGAAGTACAGGGATCTTGTCTGAATACCTGGACCCACTGACCACCTGTGAGGCCAAAAACAGATGAG
 GAGAAGAGGCGACCAGATATTTTCTATGCCCTGAAGATGGGGAACCTCCAGCTGGTGAAGGAGATTGCGG
 ACGAAGACCCCAACCATGTGAACCTGGTCAACGGGACGGGGCGACCCCACTGATGCTGGCTGCTGTAC
 GGGGCACTTGCCCTGGTACAGCTGCTGGTGGAGAAGCACGCAGACATGGACAAGCAGGACAGCGTGCAT
 GGCTGGACGGCCCTCATGCAGGCCACCTACCACGGAAATAAGAAATTGTCAAGTATCTGCTAAATCAAG
 TGACACTGAACCTTGTTCGACTGCTGGCGTCTGTGTGCATGCAGGTGAATAAGACCGAGGTCGGCCAGC
 CACCGGCCACCCCTGCCCACTCGAAGGCCAGGCAACCTGGAGCATCCCTGTGCTGCCGACGACAAGG
 GAGGCTGAAGTCTGGTGGAGCCGGATGTCCAACAGGTTCCGAAAGCTCAAACCTATGCAGACTGCC
 ACGCGGGCTGGCTGCCAACCAACCTTTGCCTTCTCTGACGAGCCTGAGCTGGCGCTGGACTCCACCATG
 CGGGCACCCCCAGGACAGGACTAGCCACCTGGGCCACCTGAAGCAGCCCATGCAACCAAGACAGTG
 GTCCTGGAAACCAAGAAGAGAGAAGGGAGATGTGTTACTGACAACCATGGCTACCAGCAGGCCAGTCAA
 ATTCACAGCATCTCCAGAAGCCCGCGTCCCTGCCAGCTCTGGGAGCTTAACCACTCGCCTCACTCC
 TCAGGGGGTGCCAGTGGCATTGGTGGCATGAGCAGGCTGGTGGTGGAGTGCATAGCCGCTCAGGTGGCA
 GGGTAGACAGTGTCTGTCCAGATCGTGTCTCAGAGGAAGAAAGCAGCCGGCTTGTGTGAGCAGAAGCC
 CCGCCAGCAGTCCAGTCCCGTGGGGCCAGCCACCAGCTCCAGCCCGCTGAGCTCCAGCCTCCCTCCCG
 AGCAGTGGTAGTGGCTCTTCCAGTGGCCCTTCCAGCAGCAAGAACTGGACCCAGCAAACGGCCTCCCT
 CCGGAACCTTCTGTACCTCTAAAGCACCTCTCCACCCCTCACGCCCTCTCCCTCGCCAAAGGCCACAC
 TGCAGAGTCTTCGGTGTCTTCTCTCTGCTCACCGCAGTCTAAGAGCAGTGGGGGCTCCAGCAGTGGC
 ACCATCACCGATGAGGATGAACTGACTGGAATCCTTAAGAAGTTATCACTTGAGAAATACCAGCCCATCT
 TCGAGGAACAAGAGGTGGACATGGAAGCCTTCTCACACTCACCGACGGCAGCTGCAGGAGCTGGGGAT
 TAAGCGGATGGCTCCCGCAGCAGATCCTGGCGGCCATCTCTGAGCTGAATGCGGGCAAGGGGCGTGAG
 AGGCAGATTCTACAGAAACCATTCACAACCTCCACTTTCCTTTGAAAGCAGTGCCAGCAACACCAGAG
 CCCTGGCAATGGTCCCTCCATGGCCGGATGGACAAGGCCGGAAGAAACCGTGTCTAGCAGGAGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1573_e03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001024136

Insert Size: 2448 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_001024136.1</u> , <u>NP_001019307.1</u>
RefSeq Size:	3552 bp
RefSeq ORF:	2448 bp
Locus ID:	75691
Cytogenetics:	4 B1
Gene Summary:	Required for renal function.[UniProtKB/Swiss-Prot Function]