

Product datasheet for **RN205847**

Anks6 (NM_001015028) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anks6 (NM_001015028) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Anks6
Synonyms:	Pkdr1; Samd6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN205847 representing NM_001015028
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCGAGGGCGCGCTGGCCCCGGCCTGCAGCTGCTGCTCCGCGCCTGCGAGCAGGGTACACCGGACA
 CGGCGCGCGCCTGCTGGAGCCAGGAGGGGAGCCGGTCGCGGGGTCCGAGGCGGGAGCGGAGCCGGCAGG
 GCCCGAGGCGGCCCGGGCAGTGGAGGCCGGACGCCGGTGCCGGTGGACTGCTCGGATGAGGCGGGCAAC
 TCGGCGCTGCAGCTGGCGGCGCCGGTGGTACGAGCCACTCGTGAGGTTCTGCTGCGCCGCGGAGCCT
 CGGTCAACAGCCCAACCACTACGGCTGGAGCGCCTCATGCAGGCGGCCAGGTGTGGGCATGCGAGCGT
 GGCACACCTCCTTTGGATCATGGAGCTGATGTCAACGCTCAGAATCGGCTGGTGCCAGTGTGCTCACT
 GTGGCTTCCCGAGGGGGCCACCTGGGTGTGGTAAACTGCTGCTCGAGGCGGCCACTGTGGACCATC
 GTAACCTTCTGGAGAGTCAACAGCATCGGGAGGCAGCAGGGACGAAGTCTGGGCATCACAGCCCTGAT
 GGCTGCCGTCAGCATGGGCATGAGGCCGTCGTACGCCTGCTGATGGAGTGGGTGCGGACCCCAACCAC
 ACAGCCCGGACTGTGGGCTGGAGCCCTCTGATGCTGGCAGCCCTCCTCGGGAAGCTCAGTGTGGTGCAGC
 AGCTGGTGCAGAAAGGGAGCCAACCCCGACCACCTCGGCGTGTGGAGAAGACAGCCTTCGAGGTTGCCCT
 TGACCGAAAACACAGGGATCTAGCTGATTACCTGGACCCACTGACCACTGTGAGGCCAAAACAGATGAG
 GAGAAGAGGCGACCTGATATTTCCACGCCCTGAAGATGGGAAACTTCCAGCTGGTCAAGGAGATTGCTG
 ACGAAGACCCCAACCACGTGAACCTGGTCAACGGGACGGGGCGACCCCACTGATGCTGGCTGCTGCAC
 GGGACAGTTGCCCTGGTACAGCTGCTGGTAGAGAAGCATGCAGACATGAACAAGCAGGACAGCGTGCAT
 GGCTGGACGGCCCTCATGCAGGCCACCTACCATGGAAATAAAGAAATTGTAAGTATCTGCTAAATCAAG
 GGCTGATGTTACTCTTCGAGCCAAAACGGATACACGGCCTTCGACCTGGTAATGCTGAATGATGCT
 TGACACTGAACCTGTTCGACTGCTAGCGTCTGTGTGCATGCAGGTGAATAAGGACCGAGGTGGTCGGCCC
 AGCCACCGTCCACCCCTGCCCACTCGAAGGCCAGGCAACCTGGAGCATCCCCATGCTGCCCGACGACA
 AGGGAGGCTGAAGTCTGGTGGAGCCGGATGTCCAACAGGTTCCGAAAACCTCAAATTTATGCAGACACT
 GCCACGCGGGCTGGTGGCAACCAACCTTTGCCTTTCTGACGAGCCTGAGCTGGCACTGGACTCCACC
 ATGCGGGACCCCGGAGCAGGACTAACCACCTTGGGCCACCTGAAGCAGCCCATGCAGCCAAAGACA
 GTGGCCCTGGGAACCCGAGAAGGGAGAAGGACGATGTGTTACTGACGACCATGCTGCGCAATGGAGCCCC
 CTTCCCCGGCTCCCAAGTGAAGCTGAAGGCCGTCATCCACCCTTCTGCCCGCTCCAGCTTCGAA
 CTGTGGAGCTCCGACAGTCCCAGCAGTGTCCCAATGGGAAGGGGACCCCATGAAGACTGTGCTGCCCC
 CAAGAGCCAGCAGGGCCACCCTGTGGGCTGCGTGGGCACAGACGGTGTGCTGGCAGGCCAGTCAAATT
 CCCCAGCATCTCCAGGAGCCCCACGTCCCTGCCAGCTCCGGAACTTTAACCACTCGCCTCATTCTTCA
 GGGGTGCCAGTGGCGTGGGCGAGCATGAGCAGGCTGGGGGAGAGCTGCATAACCCTCAGGTGGCAGCG
 TAGACAGTGTCTCTCCAGATCGCTGCTCAGAGGAAAAAGCGGCTGGCCTGTGTGAGCAGAAGCCCC
 CTGCCAGCAGTCCAGTCTGTGGGGCAGCGACCGGCTCCAGCCACCTGAGCTGCCAGCCTCCCTCCTG
 GGCAGTGGTAGTGGCTCTTCAATGTTACTTCCAGCAGCAAGAACTGGACCCTGGCAAACGGCCTCCCT
 CTGGAACCTCTGCTACCTCTAAAAGCACCTCTCCACCCTCACGCCTTCCCCCTCTCCAAAGGCCACAC
 TCGGAGTCCCTCAGTGTCTTCTCCTCGTCCCACCGCAATCTAAGAGCAGTGGGGGCTCTAGCAGTGGC
 ACCATACCGATGAGGATGAGCTGACTGGAATCCTTAAGAAGTTACTTGGAGAAATACCAGCCATCT
 TCGAGGAGCAAGAGGTGGACATGGAAGCTTCTCACACTCACCGACGGTACCTGCAGGAGCTGGGGAT
 TAAGACGGATGGTTCCCGGCGAGCAGATTCTGGCGCCATCTGAGCTGAATGCGGGCAAGGGCGTGAG
 AGGCAGATTCTACAGGAAACCAATCACAACTTCCACTTCTCTTTGAGAGCAGCGCCAGCAACACCAGAG
 CCCCTGGCAACAGTCCCTCCATGGCCGGATGGGTAAAGCCAGAAGAAACAGTGTGAGCAGGAGG**TAG**

ACGGCTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001015028

Insert Size:	2658 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_001015028.2</u> , <u>NP_001015028.2</u>
RefSeq Size:	4367 bp
RefSeq ORF:	2658 bp
Locus ID:	362515
UniProt ID:	<u>P0C0T2</u>
Cytogenetics:	5q22
Gene Summary:	predicted gene locus whose mutation causes polycystic kidney disease in the Han:SPRD cy/+ rat strain (PKD), a model for human autosomal dominant polycystic kidney disease [RGD, Feb 2006]