

## Product datasheet for RN213593

### Anks4b (NM\_001127650) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Anks4b (NM_001127650) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Anks4b
Synonyms:	MGC188020
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213593 representing NM_001127650 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTACCCGCTATCACCAAGCAGCAAGTGACAGCTACCTGGAACCTCTGAAGGAGGCCACTAAGCGTG  
ATCTAAATCTCTCAGATGAGGATGGCATGACACCCACTCTCTGGCAGCCTACCACGGCAACCTTGAGGC  
CCTAGAAATAATCTGCAGTAGAGGTGGAGACCCTGATAAGTGTGACATCTGGGGAACTCCTCTACAT  
TACGCAGCCTCCAATGGCCACACCCACTGCATCTCATTCTAGTCAACTTTGGTGCCAATATCTTTGCC  
TGGATAATGACTTGAAGTCTCCACTGGATGCTGCTGCTAGCAGGGAGCAGAAAGAATGTGTGCTCTCCT  
GGATAAGGCTGCCACCGTGCAGAACACCACGAACCCCAAAAGGTCGCCAGACTAAAGGAACAGGCTCTG  
AAGAATGCGAGGAGGCAGATGAAAGAGTGTGAACGACTTCAGGAGAAGCACCAAAACAAGATGGCGCGCA  
CCTATAGCAAGGAGGATTCTGGGACACTTTCTCTCCCGTAGCACCTTCTCTAGGTCATCCCTTTCAA  
TACTTCTGTTGGTGGATTTGGATCACTGTCTAAAGGCAATAAAGATACCTTCAAGCTAAAATCTAAGAAG  
AACAAAGATAACAGAGCAGATGGGGATGGATGGCAAAATGGCAGAGGCCAGTGTGGAAGTGTTC  
GAGAGGAGGAAGAAGACTCACTTCTAAGGACTCAAAGAGAAGCTCCATTTCTCAGCAGAAGAAGCCGG  
TGATGTGCAACATGAGTCTATTCTCAACCGTCCAGGTCTAGGAAGTATTGTTTTAATAGAACAGAGTA  
CTGGATCTTGAGGAAATCTCAGCAGCAAGAGGGAATTGGAGTTAAAAATGCCAGTGAGTTGTTCCAAA  
GACAAGGAGCACAGGAGCTGATGAAGAGGAGGAGGAGGAGAGAGAGAGGCAACAGCACTGCAGGTGA  
TCTTCTTGGGATGAAGAAGAAGTAGAATGGGAGGAAGATGCGATCGATGCCACTCCGTTGGAAGTGTTC  
TTGCAGTCTCAGCACCTGGAGGAATTCCTTCCATTTTTATGAGAGAGCAGATTGATCTAGAGGCTCTGA  
TGCTTTGCTCTGATGAGGACCTTCAGAATATCCACTTGCAACTGGGCCCCAGGAAGAAATCCTTAATGC  
CATAGACAAAAGGAAGCAGGTGCTCCAACACCCTGGGCAGCTGGTTGACACCAGCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001127650
<b>Insert Size:</b>	1251 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001127650.1, NP_001121122.1</u>
<b>RefSeq Size:</b>	2018 bp
<b>RefSeq ORF:</b>	1251 bp
<b>Locus ID:</b>	687561
<b>Cytogenetics:</b>	1q36