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Product datasheet for SC305954

ANKS3 (NM_133450) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKS3 (NM_133450) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

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>SC305954 representing NM_133450.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCGAGCTCAGCGATGAAGCCAGCGAGCCGGAACTCCTGAACCGCAGCTTGTCCATGTGGCACGGG
CTCGGGACACAGGTCAGCGGGGAGGAGCTGGATGTCCCCCTGGATCTTCACACAGCTGCTTCCATTGGC
CAGTATGAAGTGGTGAAGGAGTGTGTGCAGCGGAGAGAGTTAGATTTGAATAAGAAGAATGGTGGTGGC
TGGACCCCGCTGATGTATGCCTCCTACATTGGCCACGACACAATCGTGCACCTGCTGCTTGAGGCGGGG
GTGAGTGTGAATGTGCCGACCCCAGAAGGGCAGACTCCACTGATGCTGGCCTCCAGCTGTGGCAACGAG
AGCATCGCCTACTTTCTTCTCCAGCAAGGTGCAGAGCTAGAAATGAAAGACATCCAGGGCTGGACAGCC
CTCTTCCACTGTACCAGCGCCGGGCACCAGCACATGGTCAGGTTCCTCTTGGACAGTGGAGCCAATGCC
AACGTGAGGGAGCCGATATGTGGATTTACTCCCTTGATGGAAGCAGCTGCTGCTGGCCATGAGATAATC
GTGCAGTATTTTCTGAATCACGGAGTCAAGGTGGACGCGAGAGACCACAGTGGAGCCACAGCCCGGATG
CTGGCCAAGCAGTACGGACACATGAAGATCGTGGCCTTGATGGACACTTACTCGCCCTCTCTGCCCAAG
AGCCTCTATCGGAGCCCAGAAAAGTACGAAGATCTGAGCTCTTCTGACGAGTCCTGCCCTGCTCCTCAG
AGACAGAGGCCTTGCCGGAAGAAGGGTGTCAGCATCCACGAGGGACCGCGAGCCCTGGCCAGGATCACA
GGCATTGGCCTGGGCGGCAGAGCCCCACGGCCTCGCTATGAGCAGGCTCCTCCCCGTGGCTATGTCACC
TTCAACAGCAGTGGCGAGAACCCCCTGGAAGAAGAGGGCCTCTGCTGCCGGGATGTCACCTCCCCCATC
AATGAGCGGGATGTGGAGAGCAGCAGCAGCAGCAGCAGTCGGGAGGAACATGCTTTCTGTGCCAACCTG
GGGCCCGTCCAGAGCAGCAGCAGCAGCGAGGGCCTGGCCAGAGCCCAGGGGCTCAGCAGCGAAGCTTCT
GTGGAGAGCAACGAGGACTCGGATCATGCCTGTAAAAGCTCAGCTCGCAAACAAGCTAAAAGTTACATG
AAGACCAAGAATCCTGACAGCCAGTGGCCTCCCCGCGCTGCAACTGACAGGGAAGGCTTTCTCGCTGAG
TCCAGCCCCCAGACTCAGAGGGCCCCCTACTCAGGACCCCAGGACCTTGCCGCACTGCTGGAGCAGATC
GGGTGTCTGAAGTACCTGCAGGTGTTTGAGGAGCAGGACGTGGACCTCCGCATCTTTCTGACCCTCACT
GAGAGCGACCTGAAGGAAATTGGCATCACGCTGTTTGGGCCCAAGAGGAAGATGACGTCCGCCATTGCC
CGCTGGCACAGCAGTGCCCGCCCACCCGGGGATGCCCTGGAGCTGGCCTACGCCGACCGGCTGGAGGCT
GAGATGCAGGAGCTCGCCATCCAGCTGCACAAGCGCTGCGAGGAGGTAGAGGCCACGCGGGGCCAGGTG
TGTCAGGAGCAGGAGCTGCGCGCCGTGGTGGAGAGCTGCCTGCTGGAGCAGGACCGCGCCCGCGAGGAC
CTCCAGGCCCGGCTGCGGGAGACGTGGGCCCTGGCCCGGGATGCTGCCCTCGTCCTGGACCAGCTGCGA
GCCTGTCAAGCTGAGCTGTCATCTCGAGTGAGGCAGGACCAGCCCCCTGGTGCAGCCACTCTGGGCCTA
GCCGTCCCCCCAGCTGACTCCAAGGGCTGGCAAGCGTCCCTGCAGGCCATGAGCCTCCCCGAGCTCTCG
GGAGCCCTGGAGGACCGTGTCCGTGAGATGGGGCAAGCACTGTGCTTAGTGACCCAGAGCCTGGAGAAG
CTGCAGGTGCTGAACGGGAAGAAGTGGCGGGAGACCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

ACCN: NM_133450

Insert Size: 1971 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).

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.

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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:	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:	NM_133450.3
RefSeq Size:	2664 bp
RefSeq ORF:	1971 bp
Locus ID:	124401
UniProt ID:	Q6ZW76
Cytogenetics:	16p13.3
MW:	72 kDa
Gene Summary:	May be involved in vasopressin signaling in the kidney.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).

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