

Product datasheet for **SC306281**

ANKS4B (NM_145865) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKS4B (NM_145865) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKS4B
Synonyms:	HARP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145865, the custom clone sequence may differ by one or more nucleotides ATGTCTACTCGTTACCACCAAGCTGCTAGTGATAGTTACCTGGAAGCTCTAAAAGAGGCT ACCAAGCGAGATCTAAATCTTTTCGGATGAAGACGGCATGACTCCTACTCTTTGGCAGCC TACCATGGGAAGCTTGAAGCCCTAGAGATAATCTGCAGTAGAGGAGGGGACCCTGATAGG TGTGACATCTGGGGAAACACTCCTCTACATTTTGCAGCCTCCAATGGCCATGCCCACTGC GTCTCATTCTGGTCAACTTTGGTGCCAACATCTTTGCCCTGGATAATGACTTACAGACT CCTACTGGATGCTGCTGCCAGCAGGGAGCAGAATGAATGTGTTGCTCTCTGGACAAGGCT GCCACTGCACAGAACATCATGAACCCCAAGAAGGTCACCAGGCTGAAGGAGCAGGCTCAG AAGAATGCCAGGAGGCAGATCAAAGAGTGTGAGAGGCTCCAGGAGAAGCACAAAATAAG ATGGCCACACCTACAGCAAGGAGGAATCCGGGACTCTCTCTTCCAAGGGTACCTTC TCCAGATCATCCCTTCAAATGCTTCTGCTCCTGGCACATTCGGGTCACTATCTAAGGGC ATTAAGACACTTTCAAGATCAAGTTCAAGAAGAACAAGATACAGCAGAACAGGTGGGG AAGGAAGGCAGAAGTGGGCAGAGGAACGTGATGGAAGTGTTCAGAGAGGAAGAGGAAGAC TCGTTCTCAGGGGACTTCAAAGAGAAGCTCCAGTTGTGTCAGCAGAGGAGGACGGCAGTGTG CACCATGAATCCATTCTCAATCGTCCAGGTCTAGGAAGTATTGTTTTAGAAGGAACAGG ATATCGAGTCTGAAGACATCTCAGATAGCAAGAGAGAGTTTGGTTTTAACTGCCCACT GAATTGCTTCAAAGACAAGGAGCATCAGAGGCTGATGAGGGTGCAGCTGATGAAGAGGGA GAGGAAAACGGCCTCAAAGATGATCTGCCGTGGGATGACGATGAAGTGGAGTGGGAGGAA GATGTGGTCGATGCCACGCCCTGGAAGTGTCTTGTCTCAGCACCTGGAAGAATTC CTGCCTATCTTCAAGAGAGAGCAGATTGATCTAGAAGCTCTGCTGCTCTGCTCTGATGAG GACCTTCAGAGCATACAAATGCAGCTGGGTCCCAGGAAGAAAGTTCTGAATGCTATCAAC AGGAGGAAGCAGGTGCTTCAACAGCCTGGGCAGCTGGTCGACACCAGCCTGTGA
Restriction Sites:	Please inquire
ACCN:	NM_145865



[View online »](#)

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_145865.1, NP_665872.1</u>
RefSeq Size:	2904 bp
RefSeq ORF:	1383 bp
Locus ID:	257629
UniProt ID:	<u>Q8N8V4</u>
Cytogenetics:	16p12.2
Gene Summary:	As part of the intermicrovillar adhesion complex/IMAC plays a role in epithelial brush border differentiation, controlling microvilli organization and length. Plays a role in assembly of the complex (PubMed:26812018). May play a role in cellular response to endoplasmic reticulum stress (By similarity).[UniProtKB/Swiss-Prot Function]