OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC329700

ANKS1B (NM_001204080) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKS1B (NM_001204080) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKS1B
Synonyms:	AIDA; AIDA-1; ANKS2; cajalin-2; EB-1; EB1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329700 representing NM_001204080. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGCAGGGCGATGCAAGGAGGAGAAGAAATGAAAACTACTTTGATGATATTCCCCGATCAAAACTGGAG AGGCAGATGGCTCAGACAGGAGACTGGGGAGAACCTTCCATTACCTTGCGACCTCCGAATGAAGCCACA GCCTCTACCCCGGTACAGTACTGGCAGCATCACCCAGAAAAGCTTATCTTCCAGTCGTGTGATTACAAA GCTTTTTATTTAGGTTCTATGCTGATAAAAGAGCTTAGGGGGACAGAATCAACCCAAGATGCTTGTGCA AAAATGCGGGCTAACTGTCAGAAGTCTACAGAGCAAATGAAGAAGGTCCCTACTATTATTCTTTCTGTC TCATATAAAGGAGTCAAATTTATTGATGCAACAAATAAGAACATAATTGCTGAGCATGAAATTCGTAAT ATCTCCTGTGCTGCCCAGGACCCAGAAGACCTCTCAACATTTGCCTATATCACAAAAGATTTGAAGTCT AATCACCACTACTGTCATGTGTTTACTGCCTTTGATGTGAATTTAGCCTATGAAATCATCCTAACCCTG GGACAGGCATTCGAAGTCGCTTACCAGCTAGCACTACAAGCAAGAAAAGGGGGACACTCCTCCACACTT CCAGAAAGCTTTGAAAACAAACCCTCCAAACCCATCCCCAAGCCCCGCGTTAGCATTCGCAAGTCCGTG CAGATCGACCCATCTGAGCAAAAGACTCTGGCCAATCTACCGTGGATTGTGGAGCCGGGCCAAGAAGCC AAGAGGGGCATTAATACCAAGTATGAAACCACGATTTTCTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001204080
Insert Size:	801 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).

View online »

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_001204080.1
RefSeq Size:	3127 bp
RefSeq ORF:	801 bp
Locus ID:	56899
UniProt ID:	Q7Z6G8
Cytogenetics:	12q23.1
MW:	30.3 kDa
Gene Summary:	This gene encodes a multi-domain protein that is predominantly expressed in brain and testis. This protein interacts with amyloid beta protein precursor (AbetaPP) and may have a role in normal brain development, and in the pathogenesis of Alzheimer's disease. Expression of this gene has been shown to be elevated in patients with pre-B cell acute lymphocytic leukemia associated with t(1;19) translocation. Alternatively spliced transcript variants encoding different isoforms (some with different subcellular localization, PMID:15004329) have been described for this gene. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (11) differs in the 5' UTR and coding region and in the 3' UTR and coding region compared to variant 1. The resulting isoform (k) has a shorter and distinct N-terminus and a longer and distinct C-terminus compared to isoform a. Variants 11 and 39 both encode the same isoform (k).