

Product datasheet for **SC324118**

ZRANB2 (NM_005455) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZRANB2
Synonyms:	ZIS; ZIS1; ZIS2; ZNF265
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:	>OriGene sequence for NM_005455.3 GAAGACATAGCTGCGGGTGGCTGTGCTGGTGGCGTTCAAGATGTCGACCAAGAATTTCCG AGTCAGTGACGGGGACTGGATTTGCCCTGACAAAAATGTGGAATGTAACTTTGCTAG AAGAACCAGCTGTAATCGATGTGGTCGGGAGAAAACTGAGGCCAAGATGATGAAAGC TGGGGGCACTGAAATAGGAAAGACACTTGCAGAAAAAGAGCCGAGGCCTATTTAGTGCTAA TGACTGGCAATGTAAACTTGACGCAATGTGAATTGGGCCAGAAGATCAGAGTGAATAT GTGTAATACTCCAAAGTATGCTAAATTAGAAGAAAGACAGGATATGGTGGTGGTTTTAA TGAAAGAGAAAAATGTTGAATATATAGAAAGAGAAGAACTGATGGTGAATATGATGAGTT TGGACGTAAAAAGAAAAATACAGAGGGAAAGCAGTTGGTCCTGCATCTATATTAAAGGA AGTTGAAGATAAAAGATCAGAGGGAGAAGAAGAGGATGAGGATGAAGATCTTTCTAAATA TAAGTTAGATGAGGATGAGGATGAAGATGACGCTGATCTCTCAAAATATAATCTTGATGC CAGTGAAGAAGAAGATAGTAATAAAAAAGAAATCTAATAGACGAAGTCGCTCAAAGTCTGG ATCTTCACATTACGATCTTCATCAGCTCATCCTCCCCCTCAAGTTCAAGGTCTAGGTC CAGGTCCCCTTCAAGAAGTTCTTCCAGTTCGACGTCAGATCTCGTCCAGTTCAGAGAA ACGTTTCGAGATCTCGTGGTTCGAAATCAAGATCCAGCTCCAGGTCCACAGGGGCTCTTC TTCCCCACGAAAAAGATCTTATTCAAGTTCATCATCTTCTCCTGAGAGGAACAGAAAGAG AAGTCGTTCTAGATCTTCTCATCTGGTATCGCAAAAAAGACGAACAAGATCACGGTC ACCCGAAAGCCAGGTGATTGGTGA AAAACACTAAACAACCCCTGAGCCAGGGCCAAACCCCT ACGGAACACCACTACTTTACCCAGACGCCACAGGTCATCATCTGGATCATCCCATTCTGG TTCCCGTTCAAGTTCAAAAAAGAAATATGTATTAAAAATTTACATCTTAAAAAATCCAG TACAGTGCATGAAGCATATTTTTAAAGAAGTTGGTGTCTTACTTGGTCAGAAAGTGCTAAA TCTGCTAGTAGAGGTGCATGCCTTTTATTGCTTTTCAAAACAATACAGCTGTGTTTATTT GTGAAGTTAAAGTAAATAGCATTTTAAGCCATAATGTCCCAAAATAGATGTTCTGTCAT TCATTATTTACAACCATTTGCTTCATTTAAACCATTTTCAGCTATAACAAAGTACTTTGC TTCCTAATTTAAACCCATTTTGTGCTTTCCAAATACATCCTGTCCATTGGCTAAGACAG GATTACCTAGGCTTGCCTGAACTTTGGGCATGGAAGAAAGACTGGAAGACTAGTTGGA AAC AACATACTTATGGAAGAAAGTACGCTTTTTATGCTGTTAACAGATGTCAGAGTGATT CTCACCAAAAAAGTTAACTATGTTGAAGCAGCCAACTGTAATGTCATTTTGAAT TCCCTATGCTAAGGGTGCCTTAGAATCATTGTGCTCTTTTATCCAGCTTACTTTTTTG CTCCACATTTAATGCAAAAGAATCTTGATGTCTACAAGGAGAGAAGTGGGATATATTT TCCTTTCTGACACATAATTTGGGGCAAAAAAGAAAGTCTTAAGAGTTTATCTTTTCTG CTGATACGGTTGCTTGATAAGACATCTCAAAATGTTTACCAATGTTTTAAGAAGCTTTG TGTGATATTCTTCAAATGTAGTTACCAAAATATAATATGGTAGAAAAGGCTAAATCATAC TTAATGAGCAAAATTGAAGTAAGCTTTTAAAGTATATTTCTCTTTTGGTGAAGGCCAATG GAGACATTGTGAATTTAAGTGAACATTTGCCTCAAGATGTTAACTATAACACACTGCAT ACAATTTTCTTGAATAACAAATGAATGCTTATTGCTGCATGATGAAGCAAAAGTCAT TATTTTTCTTATTGCTTGAATAAGTTATGGCTTAAATGCTTTTGGAGTTTATTTCTC AAAAATTAATCTGGTCACATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAA
Restriction Sites:	ECorI-NOT
ACCN:	NM_005455
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_005455.3 , NP_005446.2
RefSeq Size:	2934 bp
RefSeq ORF:	963 bp
Locus ID:	9406
UniProt ID:	O95218
Cytogenetics:	1p31.1
Domains:	zf-RanBP
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Splice factor required for alternative splicing of TRA2B/SFRS10 transcripts. May interfere with constitutive 5'-splice site selection.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains an alternate exon in the 3' coding region, which results in an early stop codon, compared to variant 1. The resulting protein (isoform 2) has a shorter and distinct N-terminus when it is compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.