

## Product datasheet for SC308130

### ZRANB2 (NM\_203350) 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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308130 representing NM_203350. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCGACCAAGAATTTCCGAGTCAGTGACGGGACTGGATTGCCCTGACAAAAATGTGGAATGTA
AACTTTGCTAGAAGAACCAGCTGTAATCGATGTGGTCGGGAGAAAACACTGAGGCCAAGATGATGAAA
GCTGGGGGCACTGAAATAGGAAAGACACTTGCAGAAAAAGAGCCGAGGCCTATTTAGTGCTAATGACTGG
CAATGTAAACTTGCAGCAATGTGAATTGGGCCAGAAGATCAGAGTGTAATATGTGTAATACTCCAAAG
TATGCTAAATTAGAAGAAAGAACAGGATATGGTGGTGGTTTAAATGAAAGAGAAAATGTTGAATATATA
GAAAGAGAAGAATCTGATGGTGAATATGATGAGTTTGGACGTAAAAAGAAAAATACAGAGGGAAGCA
GTTGGTCCTGCATCTATATTAAGGAAGTTGAAGATAAAGAATCAGAGGGAAGAAGAGGATGAGGAT
GAAGATCTTTCTAAATATAAGTTAGATGAGGATGAGGATGAAGATGACGCTGATCTCTCAAATATAAT
CTTGATGCCAGTGAAGAAGAAGATAGTAATAAAAGAAATCTAATAGACGAAGTCGCTCAAAGTCTCGA
TCTTCACATTCACGATCTTCATCACGCTCATCCTCCCCCTCAAGTTCAGGTCTAGGTCCAGGTCCCGT
TCAAGAAGTCTTCCAGTTCGAGTCAAGATCTCGTTCAGTTCAGAGAACGTTCCGAGATCTCGTGGG
TCGAAATCAAGATCCAGTCCAGGTCCACAGGGGCTCTTCTCCACGAAAAAGATCTTATTCAAGT
TCATCATCTTCTCTGAGAGGAACAGAAAGAGAAGTCGTTCTAGATCTTCTTCATCTGGTGATCGCAA
AAAAGACGAACAAGATCACGGTCACCCGAAAGACGCCACAGGTCATCATCTGGATCATCCCATTCTGGT
TCCCGTTCAAGTTCAAAAAAGAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGCGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_203350



<b>Insert Size:</b>	993 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>OTI Annotation:</b>	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.
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_203350.2</a></u>
<b>RefSeq Size:</b>	3087 bp
<b>RefSeq ORF:</b>	993 bp
<b>Locus ID:</b>	9406
<b>UniProt ID:</b>	<u><a href="#">O95218</a></u>
<b>Cytogenetics:</b>	1p31.1
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	37.4 kDa
<b>Gene Summary:</b>	<p>Splice factor required for alternative splicing of TRA2B/SFRS10 transcripts. May interfere with constitutive 5'-splice site selection.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer protein (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.</p>