

Product datasheet for **RN204876**

Zranb2 (NM_031616) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zranb2 (NM_031616) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zranb2
Synonyms:	Zfp265; Zis; Znf265
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204876 representing NM_031616 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTCGACCAAGAATTTCCGAGTTAGTGACGGGACTGGATCTGCCCTGACAAGAAGTGTGGAATGTAA
ACTTCGCCAGAAGAACCAGCTGTAAACAGATGTGGTCGAGAGAAGACAAGTGGCCAAAGATGAAAGC
TGGGGGAACAGAAATAGGAAAGACACTGGCAGAGAAGAGCCGGGGCTTATTTAGTGCCAATGATTGGCAG
TGCAAACTTGCAGTAATGTGAATTGGGCTAGAAGATCAGAGTGAACATGTGAATACTCCAAAGTATG
CTAAATTAGAAGAAAGAACAGGATATGGAGGTGGTTTTAATGAAAGAGAGAATGTTGAATACATAGAAAG
AGAAGAATCTGATGGGGAATATGATGAGTTGGACGTAAAAAGAAAAAATACAGGGGGAAGGCAGTTGGT
CCTGCATCTATATTAAAGGAAGTCGAAGATAAAGAATCAGAGGGAGAAGAAGAGGATGAGGATGAAGATC
TCTCTAAATATAAGCTAGATGAGGACGAGGATGAAGATGATGCTGATCTCTCAAATATAATCTTGATGC
CAGTGAAGAGGAAGATAGTAACAAAAAGAAAGCAATAGGCGGAGCCGCTCAAAGTCTCGATCGTCTCAC
TCAAGGTCTTCATCAGCTCATCCTCCCCCTCAAGTTCAGGTCCAGGTCCAGGTCCCGTTCAAGAAGCT
CTTCCAGCTCGCAGTCCAGGTCTCACTCCGGTTCAGAGAACATTCCAGATCCCGTGGTTCGAAATCAAG
ATCCAGTCCAGGTCCACAGGGGCTCTTCTTCCCAAGAAAAAGATCTTACTCGAGTTCTTCATCATCTC
CTGAAAGAGACAGGAAGAGGAGTCGCTTAGACCTTCTCACCAGCTGTTGCGAAAAAAGACGAACGAG
ATCACGGTCACCCGAAAGGCACACAGGTCGTCTCCGGATCAACCCATTCTGGTTCCTCGTTCAAGTTCAA
AAAAGAAATAATGTATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031616
Insert Size:	999 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).
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:	<u>NM_031616.1</u> , <u>NP_113804.1</u>
RefSeq Size:	2599 bp
RefSeq ORF:	999 bp
Locus ID:	58821
UniProt ID:	<u>O35986</u>
Cytogenetics:	2q45
Gene Summary:	mRNA is differentially expressed in renal juxtaglomerular cells with higher expression in newborn than in the adult kidney; may act as RNA binding proteins or splicing factors [RGD, Feb 2006]