

Product datasheet for **RN204037**

Zfp512b (NM_001107809) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp512b (NM_001107809) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp512b
Synonyms:	Urkl1; Znf512b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN204037 representing NM_001107809

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

 ATGACGGAATCTTTCTGTGTTGGAGGAGCCGTCGGCTTCAAGGATCCAGCAAAAGTGACCTGGAAAGG
 GAGGCAGCCGGAAGGAGGTCCAGCTTCCCTTGTTCAGGACCCACCAAAGCTGGGGATGCCAGTGGTCCA
 CAGTGGACATACAGTGCCTAGCCAGGCCCACTCTGCTTTGACCCCGGAACTCAGCCAGTGACAAGACA
 GAAGGGAAGAAAAAGGAGGCCGAAAGCCGAGAACCAAGCTCTCCGAGATATTCCTCTCTCTCTGATGA
 ACCAGTGGAAAGATGAATCAAGGCACACTCAAGGGTGAAGTGTCAAACCTCAGGGTGTGGCTAGAGTT
 CCCCAGCATCTATGGCTCAAGTACCCTATCAGCGGTGCCAAGGGGGCGCTATCTCAGATAGGCTGGCC
 TTCCCTTGCCCTTCTGCGAGGCCGATTACCTCCAAGACCCAGCTGGAGAAGCACCAGGATTTGGAATC
 ACATGGACCATCCCTACCTGCCCAAGCCTGGCCAGTCAGCCGGCCAGTCACCATCAATCGGCTGT
 TGGGGTCAGCAAGCCCATCGGAGTGAGCAAACCTGTTACTGTTGGCAAACAGTGGGAGTCAGCAAGCCC
 ATTGGCATCAGTAAGCCAGTCACAGTTAGTAGGCCCTATACCAAGTACCAAGCCTGTACAGTCAGTAGGC
 CCATGCAAGTCTCTAGGCCTGTGCCAGTCACCAAAACCCATCCCAATCACCAAACCTGTGCCACTCACCA
 ACATATGCCAGTTACCAAGCTTGTGACAGTTTCAAACCTGTGCCACTACCAAGCCAGTACCAGTCAGC
 AGGCCCATTTGGGTGAGCAAGCCTGTGCCGTCAGCAGGCCCATCGCCATCAGCAGACACACACCACCT
 GCAAAATGGTGTGTCTGCTCAAACTCTGAGAACAAACACTTCGTGCTACAGGCAAGAACAGCAATAAGAA
 AAGGGTGCAGACAGTTTGGACACCTGCCCATCTGCCAAGCAGGCCAGGCAGGAGATGGAGAGTAT
 GGCCATCCACTGTGGACAGAGTGTGACCTTCCAAGTACAGTACAGTACCTAGCAACAGCTCCCTGCTGC
 CAGGCAGCAGGCCCTGATGGGCAAAGAGGCAATGCGGCCTATAGGTCCAGTGTCCAGCCAGAGGAGGA
 CCTGAGCGCACAAAGCACAGAAGGAAGCAGAAACACCGAAGAAATTCACAGGGGAGCAGCCATCTATC
 TCAGGGACCTTTGGGCTCAAAGGCTGGCCAAAGCTGAAGACAAGGCTCGAGTTTCATCGCTCCAAGAAGC
 AAGAGGGATCAGGCTCTGAGGAAGTGCAGGAAGGAGTGTGCCACCCCTGTTACTGTGAGCAAGGAGGC
 ACCAACTCCTGTGGCCACCCAGCCCCAGGTGGCCCTGAGGAGCAGTGGCAACGAGCCATCCATGAACGG
 GGGGAGGCTGTCTGCCCCACCTGCAACGTGTTACCCGGAAGACCCTCGTGGGGCTCAAAAAGCAGATGG
 AAGTATGTCAAGTTGCAGGAAGCACTCAAATGCCAGCACTGCCGAAACAGTTCAAGTCCAAGGCTGG
 CCTCAACTACCACCATGGCTGAACACAGTGCCAAGCCACGGATGCTGAGGCCTCTGAAGGGGGAGAA
 CAGGAGGAGCGGAGAGGCTACGAAAGGTGCTGAAGCAGATGGGACGGCTGCGCTGCCCCAAGAGGGTT
 GCGGGGCTGCCTTCTCCAGCCTCATGGTTATCAGTACCACCAGCGCGCTGTGGGAAGCCACCCTGTGA
 GGTAGACAGTCCCTCCTTCCCCTGTACCACTGTGGCAAGACTTATCGATCCAAGGCTGGCCACGACTAT
 CATGTGCGTTTCAGAGCACACAGCCCCGCCCCCTGAGGAGCCACAGACAAGATCCCCGAGGCTGAGGACC
 TGCTTGGGGTAGAGCGGACCCCAAGTGGTCGCATCCGTCGTACATCGGCCAGGTTGCCGTGTTCCATCT
 ACAGGAGATTGCAGAGGATGAGCTGGCCCGGACTGGACCAACGTCGCATGAAGGATGACCTTGTGCCT
 GAGACTGCACGGCTCACTACACTCGGCCAGGCCTCCCCACACTTAACCTCAGCTGTGGAGGCATGGA
 AGAATGAAGTCAAGGAGAAGGGCCATGTGAAGTGTCCCAATGATTGCTGTGAAGCCATCTACTCCAGTGT
 GTCCGGCCTCAAGGCCCATTTTGCCAGCTGCAGCAAGGGGACCACCTGGTGGGAAGTACCGCTGCCTG
 CTGTGTCCCAAAGAGTTTCAGCTCTGAGAGTGGTGTCAAGTACCACATCCTTAAGACCCACGGAGAGAATT
 GGTTCCGACTTCAGCTGACCCGCTTCCAAACACAAGAGCCAGGACTCCTTGATGCCTAGGAAAGAGAA
 GAAGAAAAGTCTGTGAGGAGAAAGAAGCGGGGCCGAAACCCAAAGAACGGTCTCCGAGGAGCCAGCA
 TCTAAGCTCCCCCTAACAGGGATGACTGGCCCCAGGAGGCAGAGACAGGGGGGCTCGGAGCTCCACTG
 GGAAGAAGGCTGGAGCTGGGAAGGCACCTGAAAAG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107809

Insert Size:

2628 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_001107809.1, NP_001101279.1</u>
RefSeq Size:	5692 bp
RefSeq ORF:	2628 bp
Locus ID:	311721
Cytogenetics:	3q43