

Product datasheet for **RN210098**

Zfp507 (NM_001106248) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp507 (NM_001106248) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp507
Synonyms:	Znf507
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN210098 representing NM_001106248

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAAGAAAGCAGCAGCATTGCCATGTTGGTGCAAGAGATTGGAGAACAGGAGGCTGTGTTAACTGCTG
 AAGGAGTCCTCAGCCCTTCCTCAGAAGCTGACCAACAAAGAAAACCTAAAGCAGATCCATTGGTCCATGT
 CATCCAGAAGTTAAGCAAGATAGTGGGGCAGCAAAAGTCAAAAAATGTCTTCTGATTGGAAAAAGCGC
 CAACGCCCAAGTGAGATACCACACTCTCTTGAGAGGGTAGAGAACTGTGAGATCCAGCTAAAGCAGCCG
 GGCCCCCTGCTGCTGGGGTTAGGGAAGCCGAGATGTCACAGGCCCTGTCCACCCTTGCCGCCAATGACGG
 GAAGACTATGCTCTACCAGTGTAGCCTTTGTAAGTTCTGTGCGCATCCTTTCTGTGCTGAAAGAGCAC
 GTCAAGCAGCACGGGCAGCAGCAGCAGCTGATGCTCATGTGCTCAGAGTGCCACGCCACCTCCAGAAGCC
 AGCAAGAGCTGGAAGCGCATGTGGTGAGTGAGCATGAGAACAGTGCCAGCAGCCATGCCGCCAAGGAGC
 CACAGAAAGAAAGAGTGAGACCTTGGTGGACATTCAGTGAACGTGGGCAGCCCACAGACCCATGCTGTC
 CAGAGTGACGCTGTGGCAGAGACGGGGCGAGGAAGTGGTATGCATATGAACAGTACGGCATGTACCGGT
 GCTTGTCTGCAGCTATACCTGTGGCCAGCAGCGGATGTTAAAGACACATGCTTGGAAACATGCAGGGGA
 AGTTAACTGTTCTATCCAATCTTTGAGAATGAAAATGAGCCCCCTTGGTCTTCTGGCTTCTTCTGTGCT
 GCTGCACCTGGTGGGGTTGATGCAGTCGTCATTGCTATTGGGGACAGCGAACTCAGCATCCACAATGGGC
 CATCTGTACAAGTACAGATTTGCAGCTCCGAACCAACATCGTCTTCATCTCCTTTAGAACAGAGCACAGA
 GGAGGGAGTACACCTACGCCAGGCAGTCACCCTGGACTTAACGAGGAAGAAATGCTGGAGGTGATGTCT
 GATTCTGAGGAGAATCTGTTTGTGATAGTTTGTCTCTTCGGCAGAAAAATCATTAGCAGTAGCCCAA
 ACAAAGAGTACGCTGAACGTATTGTGGAACGTTTGCCAAGTGCTGAAGAAACCTCCCGCCAAAACA
 TTTCTCATGAATGCTGAAATGGAAGAGGGGAAGAGCCCGAGCCCGCCGAAGCTCAGACTGGGTGTGGA
 GGAGCAGGAAGTGTACCATGTGATAAGTGTACTGTTGATATCGGGGGTTGATCATCGGCTGGAGCA
 GTGCAGAGAAGAAAGACAGTGAAGTAAGGGCCTGGCTCCTGATGAGAATGCCCCACAGGACGGAG
 AAGGACAAATTCTGAGTCTCTCAGGCTGCACTCCTTAGCTGCAGAAGCCCTTGTACCATGCCAATAAGA
 GCTGCTGAAGTAAACAGGCCAGCCTTGGGCACTATGGGACATAAACCTTTTAGATCCAGACACTGGAC
 AAAGGCAGGTGAGTGGTCCATTGGCAACATACTCAAAAAAATCATGTCTCCTCTTAAGAACTCTTCAGA
 TGGAGGAACAAGTTTAACCAAGCAATTCCACTGTGGTAGCTCTCCAGAGGGAAGGCAGGAATTGTCA
 GATGGGCAAGTTAAGACAGGCATCAGTATGTCCCTTCTTACTGTAATAGAAAACTGAGAGAAAGGACAG
 ACCAGAATGCATCAGATGATGACATTTTGAAAGAGTTGCAGGACAATGCCAGTGTGAGCCCAACAGCGA
 TGGGAGTTTGTGGGGTCCAACGTGGTGAATACATCCCAGATGCCGAGCGGCCCTACCGATGCCGCCCTG
 TGCAACTACTCGAGTGGCAACAGGGGCTACATCAAGCAGCACCTGCGTGTCCATCGGCAGAGGCAGCCTT
 ACCAGTGTCTATCTGTGAGCACATAGCTGAGAACAGCAAGACTTGAAAGCCACATGATCAACCACTG
 TAAACCAAGAATACCAATGTAAGCAGTGCAAGAATCTTCCATTACAAGAGCCAAGTGAAGGAATCAT
 GAGAGAGAGCAGCACTGCATGCCAACACCTTGTGAGTAGCTTCGAATGAGCCAAGAAATTTCCCGTGATG
 CCACCGATGGAAGTGTGTTGAGGAAGGGAACAAGTCTTCAACCCAGAAACAGTATAGGTGTGATGTGTG
 TGATTACACAAGTACAACATATGTCGGTGTGAGGAACACAGACGAATCCATAACTCAGATAAGCCATAC
 AGGTGCTCCTTGTGTGGTATGTGTGCAGCCACCCCTTCTTGAAGTCACACATGTGGAACATGCAA
 GTGACCAGAACTACAACATGAGCAAGTTAACAAGGCCATCAACGATGCAATCTCACAAGTGGCAGAGT
 TCTGGGAAATCCCGTGGGAAACCGCTCTTAACAGCAGTGAAGAGAGAACTGGCCCTACCACAGGCAGT
 CCAGAAAACCTGGTGTCTCCTCGGAGCTCAGTTCCTCACTGCCTGGTGACGGTATCGACGCCAGCGAAC
 TTGAGAACTGAACCCACAGGCAGCAGCTCTGACATCTCAGGAAGGAGCTGAGCTTGGCTACTCCAGG
 CACTGAGTACTGCGTGTGCTCTTCTGCTGCTGCATCTGTGGCTTTGAGTCAACAGCAAGGAGAGCCTC
 CTGGATCATGAAGGAACATGAGGGGGAGATTGTCAGCATCATCTGAACAAGGACCACAGCACAGCCC
 TGATGCCAAC**TAG**

ACGCGTACGGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001106248
Insert Size:	2814 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_001106248.1, NP_001099718.2</u>
RefSeq Size:	4167 bp
RefSeq ORF:	2814 bp
Locus ID:	292816
Cytogenetics:	1q21