

Product datasheet for SC114755

ZNF507 (NM_014910) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF507 (NM_014910) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF507
Synonyms:	Zfp507
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114755 sequence for NM_014910 edited (data generated by NextGen Sequencing)

ATGGAAGAAAGTAGCAGTGTGGCCATGTTGGTGCCAGATATTGGGGAACAGGAAGCTATA
CTGACTGCTGAAAGTATCATCAGTCCTTCATTGGAAATTGATGAACAAAGAAAACTAAA
CCAGATCCATTAATCCATGTTATCCAGAAGTTAAGCAAGATAGTGGAATGAAAAGTCA
CAAAAATGCTTTTAATTGGGAAGAAACGCCACGTTCAAGTGCTGCAACACACTCTCTT
GAAACCAAGAAGCTTTGTGAGATTCCGGCTAAAGTAATCCAGTCACCTGCTGCTGATACT
AGAAGGGCTGAGATGTCACAAACAAATTTACCCCTGACACTCTTGCCCAAGATGAAGGG
AAGGCTATGTCTTATCAGTGTAGCCTTTGTAAGTTTCTATCATCATCCTTTCCGTGTTA
AAAGATCATATTAAGCAACATGGTCAGCAAAATGAAGTGATACTGATGTGCTCAGAGTGC
CATATTACATCTAGAAGCCAGGAGGAAGTTGAAGCCACGTGGTGAATGACCATGACAAT
GATGCCAATATCCACACCAATCCAAAGCCCAACAGTGCGTAAGCCCTCCAGCTCTTTG
TGTCGGAAGAACACAGAAAGAAATGAAACCATTCAGATATCCAGTAAGTGTTGGAACAT
CTACAGACTCATACTGTCCAACTGCATCTGTGGCAGAAATGGGTAGGAGGAAATGGTAT
GCATACGAACAGTACGGCATGTATCGATGCTTGTGTTGTAGTTATACTTGTGGCCAGCAG
AGAATGTTGAAACACACGCTTGGAAACATGCTGGGGAGGTTGATTGCTCCTATCCAATC
TTTGAAATGAAATGAACCCCTAGGCCTGCTGGATTCTTCAGCAGCTGCTGCGCCTGGT
GGGGTTCGATGCAGTCGTATTGCTATTGGAGAGAGTGAAGTGAATCCACAATGGGCCA
TCAGTGCAAGTGAGATTTGCAGCTCAGAACAGTTATCATCTTCATCTCCTTTAGAACAG
AGTGCAGAAAGAGGAGTACACCTAAGTCAGTCAGTTACCCTGGACCCCAATGAGGAAGAA
ATGCTAGAAGTGATTTCTGATGCAGAGGAGAATCTGATTCCTGATAGCCTGCTTACATCA
GCACAGAAATCATCAGCAGCAGCCCAATAAAAAAGGGCATGTTAAGTGATAGTGGAG
CGATTGCCAAGTCTGAAGAAACCTTTACAGAAGCGCTTCCTCATGAACACTGAAATG
GAAGAAGGAAGGACCTGAGCCTGACAGAAGCTCAGATTGGGCGGAAGGAATGGATGAT
GTTTATCGTGCTGATAAATGTAAGTTGATTGGGGGATTGATCATAGGCTGGAGCAGT
TCAGAGAAAAAGACGAGTTAATGAATAAAGGCCTGGCTACTGATGAGAATGCCCCACCA
GGCCGGAGAAGGACAAATCTGAGTCTCTTCGATTACACTCATTAGCTGCAGAAGCCCTT



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GTCACAATGCCTATAAGAGCTGCAGAGTTGACAAGAGCCAACTGGGGCACTATGGAGAT
 ATAAACCTTTTAGATCCAGATACTAGTCAAAGGCAAGTAGATAGTACATTGGCAGCGTAC
 TCAAAAATGATGTCGCCACTTAAAACTCTTCAGATGGATTAACTAGTCTTAACCAAAGC
 AACTCCACCTTGGTAGCACTCCCAGAGGGTAGGCAGGAATTGTCAGATGGGCAGGTTAAG
 ACAGGCATCAGCATGTCCTTACTCACCGTCATTGAAAAATTGAGAGAAAGGACAGACCAA
 AACGCTTCAGACGATGACATTTTGAAAGAGTTGCAGGACAACGCCAGTGCCAACCCAAC
 AGCGATACAAGTTTGTCCGAAACAATGTGGTGAATACATCCCGAATGCTGAACGACCC
 TACCGTTGCCCGCTGTGCTACTACACAAGTGGAACAAGGGCTACATCAAGCAGCACTTA
 CGAGTCCATCGACAGAGACAGCCTTATCAGTGTCTATCTGCGAGCACATAGCGGACAAC
 AGCAAAGATTTGGAGAGTCACATGATCCACCACTGTAAGACAAGAATATACCAAGTGAAG
 CAGTGTGAAGAATCCTTCCATTATAAGAGTCAATTGAGGAACCATGAGAGAGAACAGCAC
 AGTCTTCCAGATACCTTGTCAATAGCAACTTCTAATGAGCCAAGAATTTCCAGTGATACA
 GCTGATGAAAAATGTGTCCAGGAAGGAATAAGTCTTCAGTCCAGAAACAATATAGATGT
 GATGTGTGTGATTATACAAGTACAACATATGTTGGTGTGAGAAACACAGGCGAATCCAT
 AACTCTGATAAGCCGTACAGATGCTCTCTGTGTGGGTATGTGTGAGCCATCCTCCTTCT
 TTGAAGTCTCATATGTGGAACATGCAAGTGACCAAAATTACAACACGAACAAGTAAAC
 AAGGCTATTAACGACGCGATTTCAAAAGTGGCAGAGTTCTGGGAAATCCCCTGAAAAAG
 ACTCAATTAAGAGCAGTGAAGAGAGTGCAGATCCCGTCACTGGAAGTTCGGAATGCA
 GTGTCACTTTCAGAACTGATGTCCAGACTCCCAGTGAAGTTCGGGTACCAACGAGAAT
 GAGAACTGAGCCCTACAAGTAACCTCATATAGTTTAGAAAAAATCTCCAGTCTGGCC
 CCTCTAGCATGGAGTACTGCGTTTTACTCTTCTGCTGTTGTATTTGTGGTTTTGAATCA
 ACCAGCAAAGAAAACCTTTGGATCATATGAAAGAGCAGGAGGTGAAATTGTAAACATC
 ATCCTGAATAAGGACCACAATACAGCTCTAAACACAAATTAG

Clone variation with respect to NM_014910.4
 2571 a=>g

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_014910 unedited
 TTTGTATCCGACTTACTATAGGCGGCCGCGCAATTCGCACGAGGGAGCCGGGAGAGAGGT
 GGGCAAGGACGAGGGCGAGGGCACGGCCGGGTCCTGGCTGGCCAAACGAGGCTCGCGGAA
 GCAGCAGCGCCGCTGACCGCAGCTGGATTTTGAAGATTGATCCAAGGGACTGTATTAA
 TTTCAGGAATTGATTTGAAAGACACTGGCTCTGCCACTTAACAGCCATGTAACCTTGGAT
 ATGGAAGAAAGTAGCAGTGTTGCCATGTTGGTGCCAGATATTGGGGAACAGGAAGCTATA
 CTGACTGCTGAAAGTATCATCAGTCCTTCATTGGAAATTGATGAACAAAGAAAACTAAA
 CCAGATCCATTAATCCATGTTATCCAGAAGTTAAGCAAGATAGTGGAAATGAAAAGTCA
 CAAAAATGCTTTTAATTGGGAAGAAACGCCACGTTCAAGTGCTGCAACACACTCTCTT
 GAAACCAAGAAGCTTTGTGAGATTCGGCTAAAGTAATCCAGTCACCTGCTGCTGATACT
 AGAAGGGCTGAGATGTCACAAACAAATTNTACCCCTGACACTCTTGCCCAAGATGAAGGG
 AAGGCTATGTCTTATCAGTGTAGCCTTTGTAAGTTTCTATCATCATCCTTTTTCGTGTTA
 AAAGATCATATTAAGNCACATGGTCAGCANAATGAAGTGATACTGATGTGCTCAGAGTGC
 CATATTACATCTAGAAAGCAGNAGGAACCTGNAGCCACGTGGTGAATGACCATGACAA
 GATGCCATATNCCACCCCCATTCAAAGCCCCACAGTGCCTAAGCCCCCTCCAGCTCTTTT
 GTGTGGGAAACCCAGAAAGAATGAACCTTTTCCAGATATCCAGTAAGTGTGGACAATCTA
 AGACTATACTGTCCAAGTGGATTGGTGGAAAAATGGTATGAGAATTGGTTGCATACAAAC
 GTCCGGCTTGTT

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014910 unedited <pre> GGACGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGGGGGGGAGGTAAA CAGAGGACCTCATCTGTCAACCCGGTTGGAGTGAATGGTGCCATCACGGCTCACTGCAA GCCTCTATCTCCCAGGCTCAAGTGATCCTCCACCTTAACCTCCCAAGTAGCTGGTGCTA CAGGCACGTGCCAACTATGCCTGGCTAATTTTAAATTTCTGTAGAGACAGGGTCTCCCC GTGTTGCCCAGGCTGGTCTTAACTTCTGGACTCAAGCAGTCTCCAGCCTTGGCCTTCT AAAGTATTGGGATTACAGGTGTGAGCCACTATGCCAGGCTACTGATTATTTTAAATAGCT ATCTCTTCTACAGTTAGAATTGCATAATCTTCATTATTACTTTTAGAAAACTCAATTGTT CTTGTTAGACACATTGTTAACTTAAGGCTTGCCACAAAATGATAATGGGAAGGGAAGAA CCTCCTTGATATATGCTTCCTCTATCGGCCAGGAGAAAGCTTTTAAAGACAATTCTAAG GCCAGAATCAGATGAACTTTAAAGGCTTTGAACCTCTGGGTTAGTTTTTCCCATGAG GTGGGGAAATTTTAAATCCATGATTCCAGGTGGAATTTAAGTAACAATCAATGGAATT AGTTTAAAGAAATAAAGTAATTTAAAAATTCACATCATTGAAAATTTGGGGGATGCNTT TTCATTATTATTTTCTAAATATGATATAAACTAAAGGCAAGGAAATTCCTAAGCAA AATCCNCTAAGGGTTGTTGATTTTCAGAACACAGATTTTATAAAGGAATACTGAGTCCA TGGACCCAGCATGAAAAACGACTTACCATTGAGTGGAACAGTTTGGGAATAATAATGA ATCATTCAAAGTCCTTATTGATTGAAATAAAAGGTTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014910
Insert Size:	5860 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_014910.2</u> , <u>NP_055725.2</u>
RefSeq Size:	7605 bp
RefSeq ORF:	2862 bp
Locus ID:	22847
UniProt ID:	<u>Q8TCN5</u>
Cytogenetics:	19q13.11
Domains:	zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.