

## Product datasheet for **SC326297**

### **ZNF507 (NM\_001136156) Human Untagged Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | ZNF507 (NM_001136156) Human Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | ZNF507                                     |
| Synonyms:                 | Zfp507                                     |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-Entry (PS100001)                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                       |



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**Fully Sequenced ORF:**

&gt;SC326297 representing NM\_001136156.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGAAGAAAGTAGCAGTGTGGCATGTTGGTGCCAGATATTGGGAACAGGAAGCTATACTGACTGCT
GAAAGTATCATCAGTCCCTTCATTGGAAATTGATGAACAAAGAAAACTAAACCAGATCCATTAATCCAT
GTTATCCAGAAGTTAAGCAAGATAGTGGAAATGAAAGTCACAAAATGTCTTTAATTGGGAAGAAA
CGCCACGTTCAAGTGCTGCAACACACTCTCTTGAACCAAGAACTTTGTGAGATTCCGGCTAAAGTA
ATCCAGTCACCTGCTGCTGATACTAGAAGGGCTGAGATGTCAAAACAAATTTTACCCCTGACACTCTT
GCCCAGAATGAAGGAAGGCTATGTCTTATCAGTGTAGCCTTTGTAAGTTTCTATCATCATCCTTTTCC
GTGTTAAAGATCATATTAAGCAACATGGTCAGCAAAATGAAGTGATACTGATGTGCTCAGAGTGCCAT
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CACACCAATCCAAAGCCCAACAGTGCGTAAGCCCTCCAGCTCTTTGTGTCGGAAGAACACAGAAAGA
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GTGGCAGAAATGGGTAGGAGGAAATGGTATGCATACGAACAGTACGGCATGTATCGATGCTTGTGTTGT
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GGTGGGTCGATGCAGTCGTCTTGTCTATTGGAGAGAGTGAAGTGAATCCACAATGGGCCATCAGTG
CAAGTGCAGATTTGCAGCTCAGAACAGTTATCATCTTCATCTCTTTAGAACAGAGTGCAGAAAGAGGA
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GAGGAGAATCTGATTCTGATAGCCTGCTTACATCAGCACAGAAAATCATCAGCAGCAGCCCCAATAAA
AAAGGGCATGTTAACGTGATAGTGGAGCGATTGCCAAGTGTGTAAGAAACCCCTTTCAGAGAAGCGCTTC
CTCATGAACACTGAAATGGAAGAAGGGAAGGACCTGAGCCTGACAGAAGCTCAGATTGGGCGCGAAGGA
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TCAGAGAAAAAGACGAGTTAATGAATAAAGGCCTGGCTACTGATGAGAATGCCCCACCAGGCCGGAGA
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GCTGCAGAGTTGACAAGAGCCAACCTGGGGCACTATGGAGATATAAACCTTTTAGATCCAGATACTAGT
CAAAGGCAAGTAGATAGTACATTGGCAGCGTACTCAAAATGATGTCGCCACTTAAAACTTTCAGAT
GGATTAAGTCTTAACCAAGCAACTCCACCTTGGTAGCACTCCAGAGGGTAGGCAGGAATTGTCA
GATGGGCAGGTTAAGACAGGCATCAGCATGTCTTACTACCGTCATTGAAAAATTGAGAGAAAGGACA
GACCAAAACGCTTCAGACGATGACATTTTGAAGAGTTGCAGGACAACGCCCAAGTGCCAACCCAACAGC
GATACAAGTTTGTCCGGAACAATGTGGTGAATACATCCCGAATGCTGAACGACCTACCGTTGCCGC
CTGTGTCACTACACAAGTGGCAACAAGGCTACATCAAGCAGCACTTACGAGTCCATCGACAGAGACAG
CCTTATCAGTGTCTATCTGCGAGCACATAGCGGACAACAGCAAGATTTGGAGAGTCACATGATCCAC
CACTGTAAGACAAGAATATACAGTGCAAGCAGTGTGAAGAATCCTTCCATTATAAGAGTCAATTGAGG
AACCATGAGAGAGAACAGCACAGTCTTCCAGATACCTTGTAATAGCACTTCTAATGAGCCAAGAATT
TCCAGTGATACAGCTGATGGAAATGTGTCCAGGAAGGAATAAGTCTTCAGTCCAGAAACAATATAGA
TGTGATGTGTGATTATACAAGTACAACATATGTTGGTGTGAGAAACCACAGGCGAATCCATAACTCT
GATAAGCCGTACAGATGCTCTCTGTGTGGGTATGTGTGAGCCATCCTCTTCTTTGAAGTCTCATATG
TGGAAACATGCAAGTGACCAAAATTACAACACGAACAAGTAAACAAGGCTATTAAACGACGCGATTTC
CAAAGTGGCAGAGTTCTGGGGAATCCCCTGGAAGACTCAATTAAGAGCAGTGAAGAGAGTGCAGAT
CCCGTCACTGGAAGTTCAGAAAATGCAGTGTCTTTCAGAACTGATGTCCAGACTCCAGTGAAGTT
CTGGGTACCAACGAGAATGAGAACTGAGCCCTACAAGTAATACCTCATATAGTTTAGAAAAATCTCC
AGTCTGGCCCTCTAGCATGGAGTACTGCGTTTTACTCTTCTGCTGTTGATTTGTGGTTTTGAATCA
ACCAGCAAAGAAAACCTCTTGGATCATATGAAAGAGCACGAGGGTGAATGTAAACATCATCTGAAT
AAGGACCACAATACAGCTCTAAACACAAATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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**Restriction Sites:**

SgfI-MluI

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_001136156                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 2862 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>RefSeq:</b>                | <u><a href="#">NM_001136156.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 7730 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2862 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 22847                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q8TCN5</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 19q13.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Families:</b>      | Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MW:</b>                    | 105.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Summary:</b>          | <p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>                                                                                                                                                                                                                                                                                                            |