

Product datasheet for **SC301907**

ZNF107 (NM_001013746) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF107 (NM_001013746) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF107
Synonyms:	smap-7; Y8; ZFD25; ZNF588
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001013746, the custom clone sequence may differ by one or more nucleotides

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ATGGTAGCCAAACCCCAAGTAATGTCTTTTCATTTGCCCAAGACCTTTGGCCAGAGCAG
AACATAAAAGATTCTTTCCAGAAAGTGACACTGAGAAGATACGGAAAATGTGAATATGAG
AATTTACAGTTAAGAAAAGGCTGTAAACATGTGGATGAGTGTACGGGGCACAAGGAGGT
CATAATACAGTTAACCAATGTTTGACAGCTACCCCAAGCAAAATATTCCAGTGTAATAAA
TATGTGAAAGTCTTTGATAAATTTCAAATTCAAATAGATATAAGAGAAGACATACAGGA
AACAAACACTTCAAATGTAAAGAATGTAGCAAATCATTTTGCCTGCTTTCACTAACTAAT
CAGCATAGAAGAATTCATACTAGAGTGAATTCCTACAAATGTGAAGAATGTGGAAGGCC
TTTAAGTGGTCTCACTCTTAAACATAAGAGAATTCATACTGGAGAAAAGCCCTAC
AAATGTGAAGAATGTGGCAAGCCTTTAACCAGTCCTCACAATTAAGGCATAGATA
ATTCATACTGAAGAGAAACCAACAAATGTGAAGAATGTGGCAAGGCCTTTAAACAGGCC
TCACACCTTACTATACATAAAATAATTCATACTGGAGAAAACCTTACAAATATGAAGAA
TGTGGCAAAGTCTTTAGCCAGTCCTCACACCTTACTACACAAAAGATACTTCACACTGGA
GAGAACCTCTACAAGTGTAAAGAATGTGGAAGAGCTTTTAACTATTCTCAAATCTTACT
AACCATAAGAGAATTCATGCTGGGAGAAACCTTACAAATGTAAAGAATGTGGCAGAGCT
TTTAACATATCCTCAAACCTTAATAAACAGGAGAAAATTCATACTGGAGGGAATCAAC
AAATGTGAAGAATGTGACAAAGCTTTTAACCGATCCTTAAACTTACTGCACATAAGAAA
ATTCTAATGGAAGAGAAACCTTACAAATGTGAAGAATGTGGCAAGTCTTTAACCAGTTC
TCAACTCTTACTAGACATAAGATAATTCATACTGGAGAGAAACCTTACAAATGTAAGAA
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GAGAAATCCTATAAATGTGAAGAATGTGGCAAGCTTTTAACCAACACTCAAACCTAATT
AACCATAGGAAAATTTATTCTGGAGAGAAACCATACAAATGTGAAGAATGTGGAAGGCT
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AAATGTGAAGAATGTGACAGAGCTTTTAGCCAGTCTTCAACCTTACTGAACATAAGAAA
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TCAACCTTACTAAACATAAGAGAATTCATACTGGAGAAAACCTTATAAATGTGAAGAA
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TCAAACCTAATATACATAAGAGAATTCATACGGGAGAGAAACCTTACCAATGTGCAGAA
TGTGGCAAAGCCTTTAAGTCTCCTCAACCTTAAAGACATAAGATAATTCATACTGGA
GAGAAACCTTACAAATGTAAAGAATGTGGCAAGGCTTTTAACTATCCTCAACCTTACT
GCACATAAGAAAATTCATACTGGAGAGAAACCTTATAAATGTGAAGAATGTGGCAAGGCT
TTTAACCAATCCTCAAACCTTACTACACATAAGAAAATTCATACTTCAGAGAAACCTTAC
AAATGTGAAGAATGTGGCAATCCTTTAACCAGTCTCATCTCTTAATATACATAAGATA
ATTCATACTGGAGAGAAACCTTACAAATGTGGAGATTATGGCAGAGCTTTCAACCTATCC
TCAAATCTTACTACACATAAGAAAATTCATACTGGAGAGAAACCTTACAAATGTGAATAT
GGCAAACTTAA

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Restriction Sites: Please inquire

ACCN: NM_001013746

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).

OTI Annotation:	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.
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_001013746.1</u> , <u>NP_001013768.1</u>
RefSeq Size:	5239 bp
RefSeq ORF:	2352 bp
Locus ID:	51427
UniProt ID:	<u>Q9UII5</u>
Cytogenetics:	7q11.21
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a protein containing multiple C2H2-type zinc finger regions. Proteins containing zinc fingers may act as transcriptional regulators, but may also have other cellular functions. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013] Transcript Variant: This variant (2) lacks two alternate exons in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.