

Product datasheet for **SC126705**

ZNF107 (NM_016220) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF107 (NM_016220) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF107
Synonyms:	smap-7; Y8; ZFD25; ZNF588
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC126705 sequence for NM_016220 edited (data generated by NextGen Sequencing)

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ATGGTAGCCAAACCCAGTAATGTCTTTTCATTTGCCCAAGACCTTTGGCCAGAGCAG
AACATAAAAGATTCTTTCCAGAAAGTGACACTGAGAAGATACGGAAAATGTGAATATGAG
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GGCAAAACTTAA

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Clone variation with respect to NM_016220.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016220 unedited
 TAGGCGGCCCGCGAATTCGCACGAGGGTCCTCTGCTCCTAGAGGCCAGCCTCTGTGTCC
 CTGTGACCTGCAGATATTGGGAGATCCACAGCTAAGACGCCGGGACTCCCTGGAAACCTA
 GAAATGACTGTGCCATAACACACATTTGATGCTGAAATCCGGGATAGGGGAACCTTTG
 GGAGTCGTGTCCCTTAACCCCTTCCCCGACTTCTTGAAGAGACCCACCCGACCTCGG
 TACCTCGGACCAGCTCTGTAAAAGCCCCGCCTCTGCCTTCGGATAGGTCTGGCCCCACCC
 TGGAGTCTTGCCCTCACAGAAGCTGATTAGAAGAGATCAGAGTTTTGGCTGGTGCCTTTCCG
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 TGACATTTAAAGATGTCGCCATAGAATTCTCTCTGGAGGAGTGGCAATGCCTGGATACTG
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 ACCTTTGGCCAGAGCAGAACATAAAAGATTCTTTCCAGAAAGTGACACTGAGAAGATACG
 GAAAATGTGAATATGAGAATTTACAGTTAAGAAAAAGCTGTAACATGTGGATGAGTGTA
 CGGGGCACAAAGGGAGTCATATTACAGTTAACCAATGGTTGACAGCTACCAAGCAAATA
 TTCCAGTGATAAAATGTGAAAGCTTGATAATTTCAATTCAATAGATTAGAAGAGAC
 TACGGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016220 unedited
 ATGCTTGGACCGCGGCCGAATCTANAATCGAGTTTTTTTTTTTTTTTTTTTAAACAC
 ATTGCATTTTATTACATAAAAGTACAAATAGTAAATGATATACTACTAATTCACTTTAA
 TTTTAACTAAGATTAAAAATGGTTTTCTTACTATAATGCAGAAGAATATTGCTCTGAA
 AACCTACTTCATGGATCACTCAATATTATAAGTTAAACACAAACAGCCTCTTCACTCAGG
 TTTTCATCATGCATCTTACATTTAATGTCCTTATTCTTTTATAGAAAGTGCATAAATA
 ATACCGACCTAACAGAAATGATTTCTCATATCTTTGATGCATGAAAAATTAATCATATGC
 TTTCACATGTGAATACAATAGGAATGAAGAGCATGAATTTGAGTTGAATTACATCATTAT
 TTGCTTTTTCAGAACTAATTTTTCAAGAAAAATATAATTTGAATGTAATTATACATCTA
 CAAAAAATTCTACTTCTTTTAAAGTTATATACACATTATTTACCTACCAACTTTAGTTT
 TAAATTATTTTCTATACTCAGCATTCTGATTCTATACTCAGCAATGTCTGAAGTGTGAGT
 ACCTTAGATATTTCTACTGTGAATTTCTGATATTTATATAGACTTAATTTTGGATTAAA
 TTATTTTTATATTTACTTCACTTGCAAAAATATATTTTAGTATGAGGCCTCTGGTATTTT
 CTAAGCTGTAGTTTTTAAAAAATGTTTCACAATGCATTACATTTACAGTGCTTTTCTCC
 ATATAAATTTTCTGGTGGTTGACAACATTTGAGCACTGCTTCATGGGNTTCTCTAGTGC
 AAAATGGTACAAAGTATCTGTGATCAAGTAAAGTACTACACCCCTCTCGATTTGGATTGG
 NTGGCCTACAAGAAACCTTTTTTGGTTTGGTTTGGAGCCAAATTTGCCTTGCTGCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_016220

Insert Size:

5130 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_016220.3, NP_057304.1</u>
RefSeq Size:	5508 bp
RefSeq ORF:	2352 bp
Locus ID:	51427
UniProt ID:	<u>Q9UII5</u>
Cytogenetics:	7q11.21
Domains:	zf-C2H2
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 (1) represents the longest transcript. 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.