

Product datasheet for **SC337575**

ZNF107 (NM_001282359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF107 (NM_001282359) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF107
Synonyms:	smap-7; Y8; ZFD25; ZNF588
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282359, the custom clone sequence may differ by one or more nucleotides

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ATGGAACCACTGACATTTAAAGATGTCGCCATAGAATTCTCTCTGGAGGAGTGGCAATGCCTGGATACTG
CACAGCGGGATTTATATAGGAATGTGTTGTTAGAGAACTACAGAAACCTGGTCTTTTTGGGTATTGCTGT
CTCTAAGCCATATCTGATCACCTGTCTGGAGCAAAAAAGAGCCCTGGAATATAAAAAGACATGAGATG
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CTTTCCAGAAAAGTGACACTGAGAAGATACGGAATGTGAATATGAGAATTTACAGTTAAGAAAAGGCTG
TAAACATGTGGATGAGTGACGGGGCACAAGGAGGTCTAATACAGTTAACCAATGTTTGACAGCTACC
CCAAGCAAAATATTCCAGTGTAATAAATATGTGAAAGTCTTTGATAAATTTCAAATTCAAATAGATATA
AGAGAAGACATACAGGAAACAAACACTTCAAATGTAAAGAATGTAGCAATCATTTTGCCTGCTTTTACA
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AACTGGTCTCAACTCTTACTAAACATAAGAGAATTCATACTGGAGAAAAGCCCTACAAATGTGAAGAAT
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CCTAATTAACCATAGGAAAATTTATTCTGGAGAGAAACCATACAAATGTGAAGAATGTGGAAGGCTTTT
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AGATAGTTCATACTAAAGAGAACTCAACAAATGTGAAGAATTTGGCAAGGCTTTTAAACAGTCTCACA
CCGTACTATACATAAAATTTATTCATACTGGAGAGAAACCTTACAAATGTGAAGAATTCGCAAGGTTTTT
AACCAGTCTCAAACCTTACTACACAAAAGATAATTCATACTGGAGAGAACCTTACAAATTTGAAGAAC
ATGGAAGGCTTTTAACTATTCTCAAACATTACTAACCATAGATAATTTATACTGGAGAGAAACCCCA
CAAATGTGAAGAATGTGGAAGGCTTATAACCGATTCTCAAACCTAATACATAAGAGAATTCATACG
GGAGAGAAACCTTACCAATGTGCAGAAATGTGGCAAAGCCTTTAACTGCTCCTCAACCTTAAAGACATA
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CCTTACTGCACATAAGAAAATTCATACTGGAGAGAAACCTTATAAATGTGAAGAATGTGGCAAAGCTTTT
AACCAATCCTCAAACCTTACTACACATAAGAAAATTCATACTTCAGAGAAACCTTACAAATGTGAAGAAT
GTGGCAAATCCTTTAAACAGTCTCATCTCTTAATATACATAAGATAATTCATACTGGAGAGAAACCCCTA
CAAATGTGGAGATTATGGCAGAGCTTTCAACCTATCCTCAAATCTTACTACACATAAGAAAATTCATACT
GGAGAGAAACCTTACAAATGTGAGTATGGCAAACCTTAA

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Restriction Sites: SgfI-MluI

ACCN: NM_001282359

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_001282359.1, NP_001269288.1</u>
RefSeq Size:	5685 bp
RefSeq ORF:	2559 bp
Locus ID:	51427
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 (3) lacks three alternate exons and initiates translation at an alternate upstream start codon, compared to variant 1. The encoded isoform (b) has a longer N-terminus, compared to 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.