

Product datasheet for SC335294

ZNF101 (NM_001300949) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF101 (NM_001300949) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF101
Synonyms:	HZF12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335294 representing NM_001300949. Blue=Insert sequence Red=Cloning site Green=Tag(s)

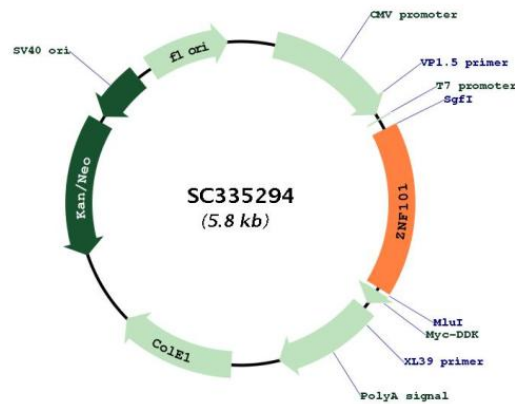
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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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AAACAACATGGGAAAGCCTCCATTTCCCCCAGTAGTGGTGCACGGCGCACAGTAACACCAACTCGAAAG
AGACCTTATGAATGCAAGGTGTGCGGAAAGCCTTTAATTCTCCCAATTTATTTCAAATCCATCAAAGA
ACTCACACTGGAAAGAGGTCCTATAAATGTAGGAAATAGTGAGAGCCTTACAGTTTCCAGTTTCTTT
CGAAAACATGGAAAATGCATACTGGAGAAAACGCTATGAATGTAATACTGTGAAAACCTATCGAT
TATCCAGTTTATTTCAAATTCATGTTAGAACTCACACTGGAGAAAACCTTACAATGTAACAATGT
GGTAAAGCCTTCAATTCGCAGGTTACCTTCGGACACATGAAATCAGATCTCACGCGCTGGAGAAATCC
CACCAATGTCAGGAATGTGGGAAAAAACTCAGTTGTTCCAGTTCCCTTACAGACATGAAAGAACTCAT
AGTGGAGGAAAACCTACGAATGTCAAAAATGTGCCAAAGTCTTTAGATGTCCCAGTCCCTTCAAGCA
CATGAAAGAGCTCACACTGGAGAAAGACCTTATGAATGTAATAAATGTGGTAAAACCTTCAATTATCCC
AGTTGTTTTCGAAGACATAAAAAAACTCATAGTGGAGAAAAGCCATATGAATGTACAAGGTGTGGTAAA
GCCTTTGGGTGGTGCAGTTCCTCCGAAGACATGAAATGACTCACACTGGAGAAAACCTTTGATTGT
AAACAGTGTGGTAAAGTCTTTACTTTTTCAAATACCTTAGACTTCATGAAAGAATCATTTGGCCGGG
CGTAGCCAGTGCTTTGGCAGGAGGCAGGGGATCACCTGAGCCAGGAGTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001300949

Insert Size: 951 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: [NM_001300949.1](#)

RefSeq Size: 4581 bp

RefSeq ORF: 951 bp

Locus ID: 94039

UniProt ID: [Q8IZC7](#)

Cytogenetics: 19p13.11

Protein Families: Druggable Genome, Transcription Factors

MW: 36.5 kDa

Gene Summary: Zinc finger proteins (ZNFs), such as ZNF101, bind nucleic acids and perform many key functions, the most important of which is regulating transcription (summary by Bellefroid et al., 1993 [PubMed 8467795]). See ZNF91 (MIM 603971) for general information on ZNFs. [supplied by OMIM, Nov 2010]
Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 2, which has a shorter N-terminus, compared to isoform 1. 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.