

Product datasheet for **SC335571**

ZNF140 (NM_001300778) Human Untagged Clone

Product data:

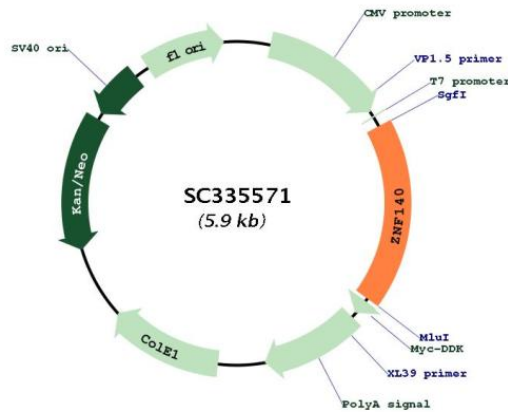
Product Type:	Expression Plasmids
Product Name:	ZNF140 (NM_001300778) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF140
Synonyms:	pHZ-39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335571 representing NM_001300778. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGAAGAATTCTAAGTCAAGGCCCTGTGATTCCAGTTTTAAAGGAGGCTGGAATGCAAGGATCAT
ACTGAGATGCTGCAAGAAAATCAGGGATGTATTAGGAAAGTAACAGTCTCTCATCAAGAAGCCCTGGCT
CAACATATGAATATCAGTACTGTGGAGAGGCCCTATGGATGCCATGAATGTGGAAAACTTTTGGTCGA
CGCTTTCCCTGGTGTTACACCAGAGGACTCATACTGGAGAGAAACCATATGCATGTAAGGAATGTGGC
AAAACCTTAGCCAGATTTCAAACCTTGTGAAACACCAAATGATACATACTGGAAAGAAACCCCATGAG
TGTAAGGACTGTAATAAACATTCAGTTACCTTTCACTTTCTATTGAACACCAGAGAACGCACACTGGG
GAGAAACCTTATGAATGTACTGAGTGTGAAAGGCCCTTAGCCGTGCCTCCAACCTCACTCGACATCAA
AGAATTCATAGGAAAGAAACAATATATGTAGGAAATGTGGTAAAGCATTTAGCAGTGGCTCAGAA
CTCATTGCCACAGATTACACATACTGGAGAGAAACCTTATGAATGCATTGAATGTGGGAAGGCATTT
CGCCGTTTCTCACACCTTACTCGACATCAGAGCATCCATAACAACAAAACCCCGTATGAATGTAATGAA
TGTAGGAAAGCTTCCGTTGTCCTCATTCTTATTAACATCAGAGAATTCATGCTGGAGAAAAGCTC
TATGAATGTGATGAATGTGGTAAAGTTTTCACTTGGCATGCATCCCTTATTAACATACGAAGAGTCAC
ACTGGAGAGAAACCCATGCGTGTGCTGAATGTGATAAAGCCTTCAGCCGGAGCTTTCCCTCATTCTA
CATCAGAGAACTCATACTGGAGAGAAACCCATGTATGTAAGGTATGCAACAAATCCTTCAGCTGGAGC
TCAAACCTTGCTAAACATCAGAGGACACACTCTTGACAACCCCTATGAATATGAAAATTCATTTAAT
TACCCTCATTCTTACTGAACACCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001300778

Insert Size: 1065 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_001300778.1](#)

RefSeq Size: 3394 bp

RefSeq ORF: 1065 bp

Locus ID: 7699

UniProt ID: [P52738](#)

Cytogenetics: 12q24.33

Protein Families: Transcription Factors

MW: 41.2 kDa

Gene Summary: May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) 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. The resulting isoform (2) has a shorter N-terminus, compared to isoform 1. Variants 2 and 4 encode the same protein (isoform 2).