

Product datasheet for **SC336973**

ZNF274 (NM_001278734) Human Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF274 (NM_001278734) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZNF274 |
| Synonyms: | HFB101; ZF2; ZKSCAN19; ZSCAN51 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



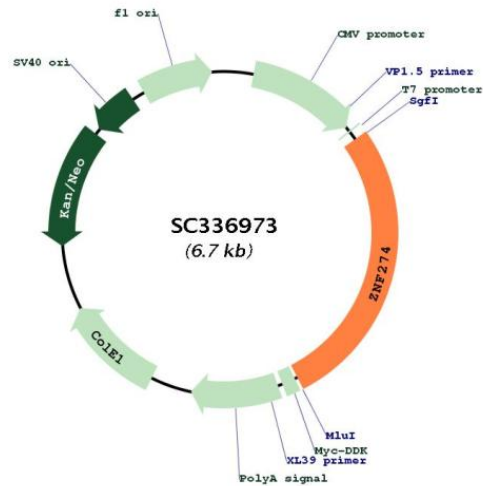
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Fully Sequenced ORF: >SC336973 representing NM_001278734.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGCTGGAGAACTACAGGAACCTGGTCTCAGTGGAAACATCAGCTTCCAAAACAGATGTGGTATCTCAG
TTAGAGGAGGCAGAAGATTTCTGGCCAGTGGAGAGAGGAATTCCTCAAGACACCATTCCAGAGTATCCT
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TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001278734

Insert Size: 1836 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_001278734.1](#)

RefSeq Size: 2905 bp

RefSeq ORF: 1836 bp

Locus ID: 10782

UniProt ID: [Q96GC6](#)

Cytogenetics: 19q13.43

Protein Families: Transcription Factors

Protein Pathways: Neurotrophin signaling pathway

MW: 69.4 kDa

Gene Summary: This gene encodes a zinc finger protein containing five C2H2-type zinc finger domains, one or two Kruppel-associated box A (KRAB A) domains, and a leucine-rich domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced transcript variants encoding different isoforms exist. These variants utilize alternative polyadenylation signals. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (ZNF274d) has an additional segment in the 5' region, which results in a downstream translation start codon, compared to variant ZNF274c. The resulting isoform (d) has a shorter N-terminus and contains only one KRAB A domain, compared to isoform c.