

## Product datasheet for **SC334134**

### **ZA20D3 (ZFAND6) (NM\_001242918) Human Untagged Clone**

#### Product data:

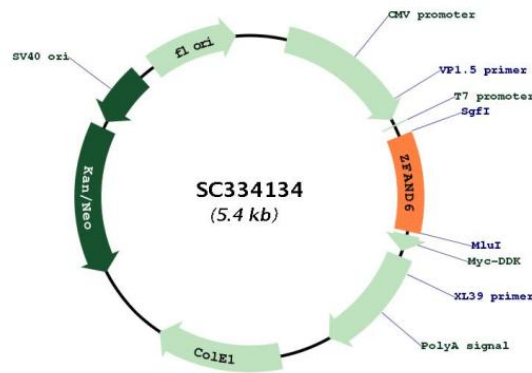
Product Type:	Expression Plasmids
Product Name:	ZA20D3 (ZFAND6) (NM_001242918) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFAND6
Synonyms:	AWP1; ZA20D3; ZFAND5B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334134 representing NM_001242918. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCAAGAACTAATCACAGCCAAGTGCCTATGCTTTGTTCCACTGGCTGTGGATTTATGGAAAC
CCTCGTACAAATGGCATGTGTTCAAGTATGCTATAAAGAACATCTCAAAGACAGAATAGTAGTAATGGT
AGAATAAGCCACCTGCAACCTCTGTCAGTAGTCTGTCTGAATCTTTACCAGTTCAATGCACAGATGGC
AGTGTGCCAGAAGCCAGTCAGCATTAGACTCTACATCTTCATCTATGCAGCCAGCCCTGTATCAAAT
CAGTCACTTTTATCAGAATCTGTAGCATCTTCTCAATTGGACAGTACATCTGTGGACAAAGCAGTACCT
GAAACAGAAGATGTGCAGGGTTTGAATGCCGGTGTGAAATGTTTACTGTGGTGTACACGGTACTCA
GATGTACACAATTGCTCTTACAATTACAAAGCCGATGCTGCTGAGAAAATCAGAAAAGAAAATCCAGTA
GTTGTTGGTGAAGATCCAAAAGATTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC
```

Restriction Sites: Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001242918

**Insert Size:** 513 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\\_001242918.1](#)

**RefSeq Size:** 1550 bp

RefSeq ORF: 513 bp

Locus ID: 54469

Cytogenetics: 15q25.1

MW: 18.3 kDa

**Gene Summary:** Involved in regulation of TNF-alpha induced NF-kappa-B activation and apoptosis. Involved in modulation of 'Lys-48'-linked polyubiquitination status of TRAF2 and decreases association of TRAF2 with RIPK1. Required for PTS1 target sequence-dependent protein import into peroxisomes and PEX5 stability; may cooperate with PEX6. In vitro involved in PEX5 export from the cytosol to peroxisomes (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (9) differs in the 5' UTR and lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The encoded isoform (c) is shorter than isoform a.