

Product datasheet for **SC113291**

ZA20D3 (ZFAND6) (NM_019006) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZA20D3 (ZFAND6) (NM_019006) Human Untagged Clone
Tag: Tag Free
Symbol: ZA20D3
Synonyms: AWP1; ZA20D3; ZFAND5B
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_019006 edited
 GAATTCGGCAGCAGGAGCAAGCAGGGGTTCCGGCGCATTACCTGTACCCATTCACCGGCG
 GCTACCGGCGGCGCGCAGCGTGTGAGCGGAGAGACCCGCCAGGTGTGCAACTG
 AGGAACATGGCTCAAGAACTAATCACAGCCAAGTGCCTATGCTTTGTTCCACTGGCTGT
 GGATTTTATGGAAACCCTCGTACAAATGGCATGTGTTTCAGTATGTATAAAGAATCCTT
 CAAAGACAGAATAGTAGTAATGGTAGAATAAGCCACCTGCAACCTCTGTAGTAGTCTG
 TCTGAATCTTTACCAGTTCAATGCACAGATGGCAGTGTGCCAGAAGCCAGTCAGCATT
 GACTCTACATCTTCTATGCAGCCAGCCCTGTATCAAATCAGTCACTTTTATCAGAA
 TCTGTAGCATCTTCTCAATTGGACAGTACATCTGTGGACAAAGCAGTACCTGAAACAGAA
 GATGTGCAGGCTTCAGTATCAGACACAGCAGCAGCCATCTGAAGAGCAAAGCAAGTCT
 CTTGAAAAACCGAAACAAAAAAGAATCGCTGTTTCATGTGCAGGAAGAAAGTGGGACTT
 ACTGGGTTTGAATGCCGGTGTGGAAATGTTTACTGTGGTGTACACCGTTACTCAGATGTA
 CACAATTGCTCTTACAATTACAAAGCCGATGCTGCTGAGAAAATCAGAAAAGAAAATCCA
 GTAGTTGTTGGTGAAGATCCAAAAGATTTGAACTCCTGCTGGAATACAAAATCTTGA
 GCATCTGCAAACTAAAAATTGACTTGAGGTTTTTTTTTCTAGTCATTGGGAATGTAGA
 GCAGTGTATCTTGCATGTCATCGAAGAATAGATTTTTGTTTTGGTTTTGTTTTGAAAAT
 GACTCTGAACATTTATTTCCATTGCAATTTCTGTGGCTGAGGAGACTTAACTTTACAAG
 TATTATCTTTTAAAGATCATTTTAAATTTAGTTGAGTGCAGAGGGCTTTTATAACAAACG
 TGCAGAAATTTTGGAGGGCTGTGATTTTTCCAGTATTAACATGCATTAATCTTGC
 AGTTTTATTTCTCATTGTGTATGTATATATCGCTTTTCTCTGCAGCACGATTTCTCTTTT
 GATAATGCTCTTTAGGGCACAAGTATCAGTAACTGAATGTATCTTAATCATTATGG
 CTGCTTCTGTTTTTTCATTAACAAAGGTTATTCATATGTTAGCATATAGTTTCTTTGCAC
 CCACTATTTATGTCTGAATCATTTGTCACAAGAGAGTGTGTGCTGATGAGATTGTAAGTT
 TGTGTGTTTAACTTTTTTTTGGAGCGAGGGAAGAAAAAGCTGTATXXXXXXXXXXXXXXXXX
 XCTCGAC



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019006 unedited
 ACGGTGACGATTTGTATACGACTCATATAGGGCGGCGCGAATTCGCACGAGNAGCAAGC
 AGGGGTTTCGGCGGCATTACCTGTACCCATTACCGGCGGCTACCGGCGGCGGCGCAGC
 GTGTCAGGCGGAGAGACCCGCCAGGTGTGCAACTGAGGAACATGGCTCAAGAACTA
 ATCACAGCCAAGTGCCTATGCTTTGTTCCACTGGCTGTGGATTTTATGGAACCCCTCGTA
 CAAATGGCATGTGTTTCAGTATGCTATAAAGAACATCTTCAAAGACAGAATAGTAGTAATG
 GTAGAATAAGCCACCTGCAACCTGTGTCAGTAGTCTGTCTGAATCTTTACCAGTTCAT
 GCACAGATGGCAGTGTGCCAGAAGCCAGTCAGCATTAGACTCTACATCTTCATCTATGC
 AGCCCAGCCCTGTATCAAATCAGTCACTTTTATCAGAATCTGTAGCATCTTCTCAATTGG
 ACAGTACATCTGTGGACAAAGCAGTACCTGAAACAGAAGATGTGCAGGCTTCAGTATCAG
 ACACAGCACAGCAGCCATCTGAAGAGCAAAGCAAGTCTCTTGAAAAACGAAACAAAAA
 AGAATCGCTGTTTCATGTGCAGGAAGAAAGTGGGACTTACTGNGTTTGAATGCCGGTGTG
 GAAATGTTTACTGTGGTGTACCCGTTACTCAGATGTACACAATTGCTCTTACAATTACA
 AAGCCGATGCTGTGAGAAAATCAGAAAAGAAAATCCAGTAGTTGTTGGTAAAAAGATCC
 ANNAGATTTGAACTNCTGCTGGAATACAAAATTCTTGAGCATCTGCAAACNAAAATTGA
 CTTTGAGTTTTTCTTTCTAGTCATTGGGAATGTANAGCAGTGTATCTTGCATGTCTCC
 GGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019006 unedited
 TAGAACGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTCTGGTTTTCCTTTT
 TATTTAATCAAAGACTGGTGAATAAACATAAATACAGCACAATTACTTCAGATCATTCTT
 CATATTGTATACACAAAACCCATGAACATAATCTGAAAGAACTGCAGACAGCAATGA
 AATGCATACAGCTTTTTCTCCCTCGCTCAAAAAAAGTTTAAACACACAACTTACAAT
 CTCATCAGCACACTCTCTTGTGACAAATGATTAGACATAAATAGTGGGTGCAAAGAA
 ACTATATGCTAACATATGAATAACCTTTGTTAATGAAAAAACAGAACGACCCATAATGAT
 TAAGATACATTAGTTACTGATAACTAGTTGTGCCCTAAAGAGCATTATCAAAGAGAAA
 TCGCGTGCAGAGAAAAGCGATATATACATACACAATGAGAAAATAAACTGCAAGATTA
 TGCATGCATGTTAATACCTGGAAAAATCACAGCCCTCCAAAATTTCTGAACGTTTGCTA
 TAAAAGCCCTCTGCACTCACTAAAATTTAAATGATCTTAAAAGGATAAATACTTGCAAAG
 TCTAAGCCTCCTCAGCCAGAAAATGCAATGGAATAAATGTTTCAGAGTCATTCCGAAAA
 CCATAACCAAAAACAAAATCTATTCTTCCGATGACCTCGCAGATACACTGCTTTACCTTC
 CCATGACTATGAACAANAAAACCTCTAGTCAATTTTTATTTTGCAAAGCCTAAAAATTT
 GTTTTCACAAAGAGCTCAAATCTTTGGACCTTATACAAAACAGCAATTGCTTTTTGATT
 TATAACAAAATCGCTTTGTAATGAACACCATGGTGTCTTTGATTACGGGGTCAACCAGTA
 AATTTCCACCGGGTCCAAACCATAGCACATTTTTCTGGAAGAAAAAGATTTCTTTTGT
 TCGCTTTAAAAAAGCTTGCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_019006

Insert Size:

1440 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:	<ol style="list-style-type: none">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_019006.2, NP_061879.2</u>
RefSeq Size:	1709 bp
RefSeq ORF:	627 bp
Locus ID:	54469
UniProt ID:	<u>Q6FIF0</u>
Cytogenetics:	15q25.1
Domains:	ZnF_AN1, zf-A20
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Variants 1-7 all encode isoform a.</p>