

Product datasheet for **SC314890**

ZC3HAV1 (NM_020119) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3HAV1 (NM_020119) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3HAV1
Synonyms:	ARTD13; FLB6421; PARP13; ZAP; ZC3H2; ZC3HDC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC314890 representing NM_020119.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
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GCCCCGGTCTGCCGTGCAAGTACTGCCAGAGACCTGCGATAACCTGCATCTCTGCAAACCTCAACTTG
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GCCTGCGTGATTAGTAG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI
ACCN: NM_020119
Insert Size: 2709 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_020119.3</u>
RefSeq Size:	7190 bp
RefSeq ORF:	2709 bp
Locus ID:	56829
UniProt ID:	<u>Q7Z2W4</u>
Cytogenetics:	7q34
Domains:	zf-CCCH
MW:	101.4 kDa
Gene Summary:	This gene encodes a CCCH-type zinc finger protein that is thought to prevent infection by retroviruses. Studies of the rat homolog indicate that the protein may primarily function to inhibit viral gene expression and induce an innate immunity to viral infection. Alternative splicing occurs at this locus and two variants, each encoding distinct isoforms, are described. [provided by RefSeq, Jul 2008] Transcript Variant: This variant encodes isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.