OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC126999

ZNF195 (NM_007152) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF195 (NM_007152) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF195
Synonyms:	HRF1; ZNFP104
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC126999 sequence for NM_007152 edited (data generated by NextGen Sequencing)

ATGACTCTGTTGACGTTCAGGGATGTGGCCATAGAATTCTCCCTGGAGGAGTGGAAATGC
CTGGACCTCGCTCAGCAGAATTTGTACAGGGATGTGATGTTGGAGAACTACAGAAACTTG
TTCTCCGTTGGTCTCACTGTCTGTAAGCCAGGCCTGATCACCTGCCTGGAGCAACGAAAA
GAGCCCTGGAATGTGAAGAGACAGGAGGCAGCAGACGGACATCCAGCTATGTCTTCTCAT
TTTACCCAAGACCTTCTGCCAGAGCAGGGCATACAAGATGCATTCCCAAAAAGAATACTG
AGAGGATATGGAAATTGTGGCCTTGATAATTTATATTTAAGGAAAGACTGGGAAAGTTTA
GATGAGTGTAAGTTGCAAAAAGATTATAATGGACTTAACCAATGTTCATCAACTACCCAT
AGCAAAATCTTTCAATATAATAAATATGTTAAAATCTTTGATAACTTTTCAAATTTACAT
AGACGTAATATAAGTAATACTGGAGAGAAACCTTTCAAATGTCAAGAATGTGGCAAATCC
TTTCAAATGCTCTCATTCCTAACTGAACATCAGAAAATTCACACTGGAAAAAAATTCCAA
AAATGTGGAGAATGTGGCAAAACCTTTATCCAGTGCTCACACTTTACTGAACCTGAGAAC
ATTGACACTGGAGAGAAACCTTACAAGTGTCAAGAATGTAACAACGTCATTAAAACTTGC
TCAGTCCTTACTAAAAATAGAATTTATGCCGGAGGGGAACATTACAGATGTGAAGAATTT
GGCAAAGTATTTAACCAGTGCTCCCACCTTACTGAACATGAGCATGGTACTGAGGAAAAA
CCCTGCAAATATGAAGAGTGCAGCAGTGTCTTTATCTCTTGCTCAAGCCTTTCTAATCAA
CAGATGATTCTTGCTGGAGAGAAGCTCTCCAAATGTGAAACATGGTACAAAGGTTTTAAC
CACAGCCCAAATCCTTCCAAACACCAGAGAAATGAGATTGGAGGGAAACCTTTCAAATGT
GAGGAATGTGACAGCATCTTCAAGTGGTTCTCAGACCTTACTAAACATAAGAGAATTCAC
ACTGGTGAGAAACCATACAAATGTGACGAATGTGGGAAAGCCTATACACAGTCCTCACAC
CTCAGTGAACACAGGAGGATTCACACCGGAGAGAAACCCTACCAATGTGAAGAATGTGGG
AAGGTCTTCAGAACTTGCTCAAGCCTTTCTAACCATAAGAGAACTCATTCTGAAGAAAAA
CCCTACACGTGTGAAGAATGTGGCAACATCTTTAAGCAGTTATCAGACCTCACTAAGCAT
AAGAAAACCCATACTGGAGAGAAGCCCTACAAATGTGACGAATGTGGAAAAAACTTTACC
CAGTCCTCCAACCTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCCTACAAGTGT
GAAGAATGTGGCAGAGTCTTCATGTGGTTCTCAGACATTACCAAACATAAGAAAACCCAT
ACTGGAGAGAAACCCTACAAATGTGACGAATGTGGAAAAAACTTTACCCAGTCCTCAAAC
CTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCCTACAAGTGTGAAAAGTGTGGC
AAAGCCTTCACCCAGTTCTCACACCTGACTGTACATGAAAGCATTCATACTTGA

Clone variation with respect to NM_007152.4

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007152 unedited
ATTTTGTAATACGAACTCCTATAGGGCGGCCGCGAATTCGGCACGAGGGTCCCCTGCTAG
CCGTAGGCCGTGTGACCCGCAGGCACCGGGAGATCCAGAAGTGAAACGCCAGGCTCTCTG
GAGGCCAGGAGATGACTCTGTTGACGTTCAGGGATGTGGCCATAGAATTCTCCCTGGAGG
AGTGGAAATGCCTGGACCTCGCTCAGCAGAATTTGTACAGGGATGTGATGTTGGAGAACT
ACAGAAACTTGTTCTCCGTTGGTCTCACTGTCTGTAAGCCAGGCCTGATCACCTGCCTGG
AGCAACGAAAAGAGCCCTGGAATGTGAAGAGACAGGAGGCAGCAGACGGACATCCAGCTA
TGTCTTCTCATTTTACCCAAGACCTTCTGCCAGAGCAGGGCATACAAGATGCATTCCCAA
AAAGAATACTGAGAGGATATGGAAATTGTGGCCTTGATAATTTATATTTAAGGAAAGACT
GGGAAAGTTTAGATGAGTGTAAGTTGCAAAAAGATTATAATGGACTTAACCAATGTTCAT
CAACTACCCATAGCAAAATCTTTCAATATAATAAATATGTTAAAATCTTTGATAACTTTT
CAAATTTACATAGACCGTATATAAGTAATACTGGAGAGAAACCTTTCAAATGTCAAGAAT
GTGGCANATCCTTTCAAATGCTCTCATTCCTAACTGAACATCAGAAAATTCACACTGGAA
AAAAATTCCAAAAATGTGGAGAATGTGGCANAACCTTTATCCAGTGCTCACACTTTACCT
GACCTGAGAACATTGACACTGGNAGAGAACCTTACCAGTGTCAAGAATGGTACAACGTCA
TTAAAACTTGCTCAGTCCTTACTAAAATAGAANTTATGCCCGAG

3' Read Nucleotide Sequence:

```
>OriGene 3' read for NM_007152 unedited
GACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCTCTCTACCAAAATTT
TACTCACGCATCTTACATTTCAGTGTCTTTCACCTTTCACGGACAAGTATATCAGTGATG
CACACCTAAGAGAAAAGAATTTCTCATATCTCTGACGCAGCAACAACTGACCATGTGTTT
TCACATCAGCACTAGAAATGAAGACACAGCATCTACTGATTTGAGAATAGAATGACATCA
ATATTCGCTTTTCAAAAATTTAACATTTTTTCAATGCAAAAAAGTATATTTTGAATGTAA
TTATAACTCTACAAAAACTCAGTCTCATCCTCCTTTTAAACTTAAATATAAATGATCTAT
TTTAAGTCTAGATGTCTCTGTAGACTCAACACAGGGATTCAGTGTCATTTCTGAACGTGT
CCGTGCTCTATTCCTTTCTCCTTCAAATCCTCCATTGTTTACTTAAATTGGATTTTGCTT
ATTTTTCCATTTAGTGTATTTGCAAAATATCTTTTAGTATGAACTCTAGTGTTTTCTAAG
CTATCATTTTTGAACAAATGTTATTCCACATTTATGAGATTTGTTGGGTTTCTCTACAAA
TTTTCTGAAAGTTTAAGCAACTGATGCAAGTCTTCCATCTAGTATAATTGTAACATTTTT
TTCAGAAGAAATACTCTTGTGTGCTCTGGAGACTTATATTTCATGAAAGGTCTTTCAATA
GTAATTACATTTATGATAACTTTATTAAGTCTGAACTCTGATGTAAAGTGGGGATGCGAG
CAGATACTAACGGCCTTGCCCTATTTTATATTGGTTATTTCTTTCTCAGTATGAATGCTT
TCATTACAGTCAGGTGTGAGACTGGGTGAGGCTTTGCCCACTTTTACACTTGTAGGTTCT
CTCCATATGAATCTCTTAGACATAAGGTTGG
```

Restriction Sites: NotI-NotI

ACCN: NM_007152

Insert Size: 2560 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_007152.1, NP_009083.1

RefSeq Size: 2394 bp

RefSeq ORF: 1890 bp

Locus ID: 7748

UniProt ID: O14628

Cytogenetics: 11p15.4

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: This gene encodes a protein belonging to the Krueppel C2H2-type zinc-finger protein family. These family members are transcription factors that are implicated in a variety of cellular processes. This gene is located near the centromeric border of chromosome 11p15.5, next to an imprinted domain that is associated with maternal-specific loss of heterozygosity in Wilms' tumors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]
Transcript Variant: This variant (3) lacks two alternate in-frame exons in the 3' coding region, compared to variant 1, resulting in an isoform (3) that is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.