

## Product datasheet for **SC337904**

### ZNF91 (NM\_001300951) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF91 (NM_001300951) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF91
Synonyms:	HPF7; HTF10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300951, the custom clone sequence may differ by one or more nucleotides

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ATGCCAGGAACCCCTGGAAGCCTAGAAATGGGACTGTTGACATTTAGGGATGTGGCCATAGAATTCTCTC
CGGAGGAGTGGCAATGTCTGGACACTGCACAGCAGAATTTATATAGGAATGTGATGTTAGAGAACTACAG
AAACCTGGCCTTCTGGGTATATGTCCTCATTTTCTCAAGACTTTTGGCCAGAGCAGAGCATGGAAGAT
TCTTTTCAAAAAGTATTACTGAGAAAATATGAAAAATGTGGACATGAGAATTTACAGTTAAGAAAAGGTT
GTAAAAGTGTGGATGAGTGAAGGTGCACAAAAGAGGTTATAATAAACTTAACCAGTGTCTCACAACCTGC
CCAGAGCAAAGTATTTCAATGTGGGAAATATTTGAAAGTCTTCTATAAAATTTTAAATTCAAACAGACAT
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TCATTGGTCTCAACCTTACTAATCATAAGGAAATTCATACTGAAGATAAACCCCTACAAATGTGAAGAA
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TGTGGCAAAGCTTTAGACAATCCTTAACCTTAAATAACATAAGATAATTCATAGTAGAGAGAAAACCT
ACAAATGTAAAGAATGTGGCAAAGCTTTAAGCAATTCTCAACCTTACTACACATAAAAATAATTCATGC

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TGAAAGAACTCTACAAATGTGAAGAATGTGGCAAAGCTTTAATCATTCTCAAGTCTTTCTACACAT  
 AAGATAATTCATACTGGAGAGAAGTCTTACAAGTGTGAAGAATGTGGCAAAGCATTCTATGGTCTCAA  
 CCCTAAGAAGACATAAGAGGATACACACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTT  
 TAGCCATTCTCAGCCCTTGCTAAACATAAGAGAATTCATACTGGAGAGAAACCTACAAATGTAAGAA  
 TGTGGCAAAGCTTTAGCAATTCCTCAACCCTTGCTAATCATAAGATAACTCATACTGAAGAGAAACCT  
 ACAATGTAAGAATGTGACAAAACCTTTAAGCGACTCTCAACCCTTACTAAACATAAAAATAACATGC  
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 AAGATAATTCATACTAAGAGAAACCTTCAAGAGTGAAGAATGTGACAAAGCATTATCTGGTCTCAA  
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 TGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCATTAGCCAATCTCAACCCTAACTAGACAT  
 ACGAGGATGCACACTGGAGAGAAACCATACAAATGTGAAGAATGTGGCAAAGCTTTAATCGATCTCAA  
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 ACAATGTGGAGAAATGTGGCAAAGCCTTTAAGAGTCTCAGCTTACTAAACATAAGATAATTCACAC  
 TGGAGAGAAACCTACAAATGTGAAAAATGTGGCAAAGCCTTTAACCAGTCTTCAATCTTACTAACCAT  
 AAGAAAATTCATACTATCACACCTGTAATCCCCTACTTTGGGAGCCGAGGCGGGCGGATCACGAGGTC  
 AGGAGATGGAGACCATCTGGCTAACACAGTGAACCCCTTCTCTACTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001300951

**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\_001300951.1, NP\_001287880.1
**RefSeq Size:**

5400 bp

RefSeq ORF:	3480 bp
Locus ID:	7644
UniProt ID:	<a href="#">Q05481</a>
Cytogenetics:	19p12
Protein Families:	Transcription Factors
Gene Summary:	<p>The ZNF91 gene encodes a zinc finger protein of the KRAB (Kruppel-associated box) subfamily (Bellefroid et al., 1991, 1993 [PubMed 2023909] [PubMed 8467795]).[supplied by OMIM, May 2010]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform 2, which lacks an internal segment and is shorter, compared to 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.</p>