

Product datasheet for **SC120192**

ZFP91 (NM_053023) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP91 (NM_053023) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFP91
Synonyms:	DMS-8; DSM-8; DSM8; FKSG11; PZF; ZFP-91; ZNF757
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_053023, the custom clone sequence may differ by one or more nucleotides

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ATGCCGGGGGAGACGGAAGACCGAGACCCCGGAGCAGCAGGACCAGGAAGGGGGAGAGCGGCCAAGG
CGGCTCCGGAGGAGCCCAACAACGGCCCTGAGGCGGTGCGGCGGCGCCTGCAGGGACCACTAGCAG
CCGCGTGTGAGGGGAGGTCGGGACCGAGGCCGGGCGCTGCGGCGGCGCCGCGCCGAGCTGTGTCCCGC
CGGAGGAAGGCCGAGTATCCCGCGGGCGGAGGAGCAGCCAGCGCCAGGCCTCCCGACGTCCCGGGC
AGCAGCCCGAGGCGGAAGTCCCGTCTCCAGTTCAGGGCAAGAAGAGTCCGCGACTCCTATGCATAGA
AAAAGTAACTGATAAAGATCCCAAGGAAGAAAAGAGGAAGAAGACGATTCTGCCCTCCCTCAGGAA
GTTTCCATTGCTGCATCTAGACCTAGCCGGGGTGGCGTAGTAGTAGGACATCTGTTTCTCGCCATCGTG
ATACAGAGAACACCCGAAGCTCTCGGTCCAAGACCGGTTTCATTGCAGCTCATTGCAAGTCAAGACAAA
TACAGACCACTTGATTATGATGTTGGAGAAGAGCATCAGTCTCCAGGTGGCATTAGTAGTGAAGAGGAA
GAGGAGGAGGAAGAAGAGATGTTAATCAGTGAAGAGGAGATACCATTCAAAGATGATCCAAGAGATGAGA
CCTACAAACCCCACTTAGAAAGGAAACCCAAAGCCACGGAGAAAATCAGGGAAGGTAAAAGAAGAGAA
GGAGAAGAAGGAAATTAAGTGAAGTAGAGGTGGAGGTGAAAGAAGAGGAGAATGAAATTAGAGAGGAT
GAGGAACCTCAAGGAAGAGAGGAAGAAGACGAAAAGATGACAAAAGTCCACGTTTACCCAAAAGGAGAA
AAAAGCCTCCAATCCAGTATGTCGGTGTGAGATGGAAGGATGTGGAAGTGTCTTGCCCATCCTCGCTA
TTTGCAGCACCACATTAATACCAGATTTGCTGAAGAAGAAATATGTATGTCCCATCCCTCCTGTGGA
CGACTCTTCAGGCTTCAGAAGCACTTCTGCGACATGCCAAACATCATACAGATCAAAGGGATTATATCT
GTGAATATTGTGCTCGGGCTTCAAGAGTTCACCAATCTGGCAGTGCACCGGATGATTCACACTGGCGA
GAAGCCATTACAATGTGAGATCTGTGATTTACTTGTGCAAAAAGGCATCTCTTAATTGGCACATGAAG
AAACATGATCGACTCCTTCTACCAGTTTTCTTGAATATCTGTGCAAAAATTTGAGAAGAAGGAA
GGTAGTGGCACACAAGGCAAAAAGCCACCTGAGGTGCTGATTGCAGAAGCTCTGGCTGCCAATGCAGG
CGCCCTCATCACCAGCACAGATATCTTGGGCACTAACCCAGAGTCCCTGACGCAGCCTTCAGATGGTCAG
GGTCTTCTCTTCTGAGCCCTTGGGAACTCAACCTCTGGAGAGTGCCTACTGTTAGAAGCTGAAG
GGATGTCAAAGTCATACTGCAGTGGGACGGAACGGGTGAGCCTGATGGCTGATGGGAAGATCTTTGTGG
AAGCGGCAGCAGTGGAGGCACTGAAGGGCTGGTTATGAACTCAGATATACTCGGTGCTACCACAGAGTT
CTGATTGAAGATTCAGACTCTGCCGGACCTTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_053023 unedited

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TGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGNAGAGAGCCGAGGCTT
CGGGAGGCGAGGGGGCGGGGGAGCAGCGCCGAGGCGCCGCCTCCGCCTCCGCCGCTA
GGACTAGGGGGTGGGGGACGGACAAGCCCCGATGCCGGGGGAGACGGAAGAGCCGAGACC
CCCGGAGCAGCAGGACCAGGAAGGGGGAGAGGCGGCCAAGGCGGCTCCGGAGGAGCCCA
ACAACGGCCCCCTGAGGCGGTGCGGGCGGCGCTGCAGGGACCACTAGCAGCCGCTGTCT
GAGGNGGAGGTGCGGACCGAGGCGGGCGCTGCGGCGCCGCCGCCGAGCTGTGTCC
GCCGGAGGAAGGCCGAGTATCCCGCGGCGGAGGAGCAGCCCAAGCCAGGCCTCCCG
ACGTCCCCGGGACGAGCCCCAGGCCGGAAGTCCCGTCTCCAGTTCAGGGCAAGAAGA
GTCCGCGACTCCTATGCATAGAAAAAGTAACTGATAAAGATCCCAAGGAAGAAAAG
AGGAAGAAGACGATTCTGCCCTCCCTCAGGAAGTTTCCATTGCTGCATCTAGACCTAGCC
GGGGCTGGCGTAGTAGTAGGACATCTGTTTCTCGCCATCGTGATACAGAGAACACCCGAA
GCTCTCGGTCCAAGACCGGTCATTGCAGCTCATTGNCAGTCAGAACCAATACAGACC
AACTTGATTATGATGTTGGGAGAAGAGCATCAGTCTCCAGGTGGCTTANTNNTGAAGAGG
AAAAGAGGAGGAGAAAAAATGTTATTCGTGAAGAGGAAAACCATCAAGGTGATCCAAG
AGAGAGACCTACAACCCCACTTAGAAAAGGGAACCCCAAGCCCCGGGAAATCAGGGAGGGA
A
    
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Restriction Sites:

NotI-NotI

ACCN:

NM_053023

Insert Size:	4200 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_053023.2</u> , <u>NP_444251.1</u>
RefSeq Size:	5171 bp
RefSeq ORF:	1713 bp
Locus ID:	80829
UniProt ID:	<u>Q96JP5</u>
Cytogenetics:	11q12.1
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene is a member of the zinc finger family of proteins. The gene product contains C2H2-type domains, which are the classical zinc finger domains found in numerous nucleic acid-binding proteins. This protein functions as a regulator of the non-canonical NF-kappaB pathway in lymphotoxin-beta receptor signaling. Alternative splicing results in multiple transcript variants. A read-through transcript variant composed of ZFP91 and the downstream CNTF gene sequence has been identified, but it is thought to be non-coding. Read-through transcription of ZFP91 and CNTF has also been observed in mouse. A ZFP91-related pseudogene has also been identified on chromosome 2. [provided by RefSeq, Oct 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>