

Product datasheet for **SC122391**

Z DNA binding protein (ZBP1) (BC028218) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Z DNA binding protein (ZBP1) (BC028218) Human Untagged Clone
Tag:	Tag Free
Symbol:	Z DNA binding protein
Synonyms:	C20orf183; DAI; DLM-1; DLM1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC028218 edited
 CAGAGCTGCAAGAAGCACCAGGCTCGGCCACTTCAGAAGCCCCAGCCTCGACCTAGCCCA
 CCCTCTCAGGGCCACAGTGCAGAAGCCTGCACACCTGCCAAGTCTCTCCGACTCCTTGCA
 GCTGCTGTGACATGGCCAGGCTCCTGCTGACCCGGGCAGAGAAGGCCACCTTGAACAA
 AGAATCCTGCAGGTGCTGACAGAGGCTGGCTCCCCGGTAAACTTGCCCAGCTGGTGAAG
 GAATGCCAAGCACCAAGAGGGAGCTCAACCAAGTCTCTACCGAATGAAAAAGGAGTTG
 AAAGTCTCCCTCACATCCCCTGCCACCTGGTGTGGGCGGGACTGATCCTGAAGGCGAG
 GGTCTGCAGAGCTGGCCTTGCCAGCCCTGGTAACTGCCACCCGGGGAGGCGGGTCTG
 ACCCTGCAGGGAGCATCCTGGCAATGGACAAGCACAGATTTGAGCCTGGGTTTCAATCTG
 AACTCTGCCACATGGGAGCTCACAGTTTCTCTCTGTGCCTTGGTTTCTTTTCTGG
 TTGATGGAGCTCACAGCAGGCTGCTTGGTAGGGTTGCTGAGAGGAGGCCCTGCGTCAG
 GCTCAGCCAGCCCTGCACACAGGAGTACTCTGCAGAACTAACAATTATAATAGAAA
 ATCATCATGATGGAGACAGCAATGACGCCATGGTCCCAATCACAGAACATATGCAGTCCC
 ACCAGCCCCCTTTTCTAGCTTTACAGCCACAGCCAGAAGGAGCTGCCATTTATCATGC
 ACTTAAGATTAGCCAGGCACTGTTTTGGGGTTCACCCAGCCCTCACACAACCCAGGAGG
 CAAAGGAGGCTGAGCCCCGAGAAGTTAATCGGCAGGAAGCCGAGCTGCCAGGGCGCAG
 GCAGGATTTGAAGTCAAGTGTGTTGAACTCTGGAGTCTGAGTTTGCAACTACCGCATTG
 CCACTTACCCCTAGGGAGCTGCCACCTTTGTGGGGTGGAGGCCTGGTGTGTCTTCTGT
 CCCCCACCCCTGACCCATCTTTCTTTCTGCAGCCGAGAGGCCCCAGCAACATGCAGCT
 ACAATTCAGAGACCCCTGGCCCTCAGTTCAGCCAACAACGGGAGGAAGACATCTACAGG
 TTTCTCAAAGACAATGGTCCCAGAGGGCCCTGGTTCATCGCCAAAGCACTGGGAATGAGG
 ACAGAAAAGATGTGAACCGAGACTTGTACAGGATGAAGAGCAGGCACCTTCTGGACATG
 GATGAGCAGTCCAAAGCATGGACGATTTACCGCCAGAAGATTCTGGAAGAAGAGCAAAG
 TCAGCCTCAATTAATTTACCAGCAATCAATCAACATGATCTGCCAGAATGGACCCAAC
 AGCTGGATTTCCATTGCAAACTCCGAAGCCATCCAGATTGGACACGGGAACATCATTACA
 AGACAGACAGTCTCCAGGGAGGACGGTAAGTACCCAAGAGAGCCAGGGAGGGGACCTC
 GGTGGGGAGCCACCGATCCTCTGGGTGGGGGAAAGGGTAGGGATGGGGAGTGGGGGA
 TTCTGCCCTCAAAGGGAAAGGGTTGCTTCCAGACCCCAAGTCCACCTTTACGGCCGT
 CCTGAGAAATGAGGACACCTGGATCAAAGCTCTCCTGATTTCCCTGTACTCTGATACTTC
 TACCTCATTTAAAGTTAATTTAATTTTTATTTTTCTAATAAAAATTTAAAAATAAAAA
 AA

5' Read Nucleotide Sequence: >OriGene 5' read for BC028218 unedited
 GACGTAGGATTTGTATACGACTTATATAGGCGGCCGACGATTCCTGGGATCAGAGCTGCA
 AGAAGCACCAGGCTCGGCCACTTCAGAAGCCCCAGCCTCGACCTAGCCCACCTCTCAGG
 GCCACAGTGCAGAAGCCTGCACACCTGCCAAGTCTCTCCGACTCCTTGCAGCTGCTGTCA
 GCATGGCCAGGCTCCTGCTGACCCGGGCAGAGAAGGCCACCTTGAACAAAGAATCCTGC
 AGGTGCTGACAGAGGCTGGCTCCCCGGTAAACTTGCCCAGCTGGTGAAGGAATGCCAAG
 CACCCAAGAGGGAGCTCAACCAAGTCTCTACCGAATGAAAAAGGAGTTGAAAGTCTCCC
 TCACATCCCCTGCCACCTGGTGTGGGCGGGACTGATCCTGAAGGCGAGGGTCTGCGAG
 AGCTGGCCTTGTCCAGCCCTGGTAACTGCCACCCGGGGAGGCGGGTCTGACCCTGCAGG
 GAGCATCCTGGCAATGGACAAGCACAGATTTGAGCCTGGGTTTCAATCTGAACTTGCCA
 CATGGGAGCTCACAGTTTCTCTCTGTGCCTTGGTTTCTTTTCTGGTTGATGGAGC
 TCACAGCANGGCTGCTTGGTAGGGTTGCTGAGAGGAGGCCCTGCGTCAGGCTCAGCCCA
 GCCCTGCACACAGGAGTACTCTGCAGAACTAACAATTATAATAGAAAATCATCATGA
 TGGAGACCAGCATGACGCCATGGTCCCAATCACAGAACATATGCAGTCCCACCAGCCCC
 CTTTTCTAGCTTTACAGCCACAGCCAGAAGAGCTGCCATTTATCATGCACTTAAGATAGC
 CAGGCACTGTTTTGGGGTTCACCCAGCCCTCACACACCCAGAGGGCAAGGAGCTGACCC
 CCGAGAATTATTCGCAA

Restriction Sites: Please inquire
ACCN: BC028218

Insert Size:	1800 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:	BC028218.1 , AAH28218.1
RefSeq Size:	1800 bp
Locus ID:	81030
Cytogenetics:	20q13.31
Protein Pathways:	Cytosolic DNA-sensing pathway
Gene Summary:	This gene encodes a Z-DNA binding protein. The encoded protein plays a role in the innate immune response by binding to foreign DNA and inducing type-I interferon production. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]