

Product datasheet for **SC305284**

Z DNA binding protein (ZBP1) (NM_030776) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Z DNA binding protein (ZBP1) (NM_030776) 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 NM_030776 edited AAGCCCCAGCCTCGACCTAGCCCACCCTCTCAGGGCCACAGTGCAGAAGCCTGCACACCT GCCAAGTCTCTCCGACTCCTTGCAGCTGCTGTGACGATGGCCCAGGCTCCTGCTGACCCG GGCAGAGAAGGCCACCTTGAACAAAGAATCCTGCAGGTGCTGACAGAGGCTGGCTCCCCG GTGAAACTTGCCAGCTGGTGAAGGAATGCCAAGCACCAAGAGGGAGCTCAACCAAGTC CTCTACCGAATGAAAAAGGAGTTGAAAGTCTCCCTCACATCCCCTGCCACCTGGTGCTTG GGCGGGACTGATCCTGAAGGCGAGGGTCTGCAGAGCTGGCCTTGTCAGCCCTGCCAAG AGGCCCCAGCAACATGCAGCTACAATTCCAGAGACCCCTGGCCCTCAGTTCAGCCAACAA CGGGAGGAAGACATCTACAGTTTCTCAAAGACAATGGTCCCCAGAGGGCCCTGGTCATC GCCCAAGCACTGGGAATGAGGACAGCAAAGATGTGAACCGAGACTTGTACAGGATGAAG AGCAGGCACCTTCTGGACATGGATGAGCAGTCCAAAGCATGGACGATTTACCGCCAGAA GATTCTGGAAGAAGAGCAAAGTCAGCCTCAATTATTTACCAGCACAATCCAATCAACATG ATCTGCCAGAATGGACCAACAGCTGGATTTCCATTGCAAACCTCCGAAGCCATCCAGATT GGACACGGGAACATCATTACAAGACAGACAGTCTCCAGGGAGGACGGTTCGCGCCGTCCA CGCCACCTCCCTTCAATGGCACCAGGTGATTCCTCAACTTGGGGGACCCTAGTTGATCCC TGGGGGCCCCAGGACATCCACATGGAGCGGTCCATACTGAGACGGGTGCAGCTGGGACAC AGCAATGAGATGAGGCTCCACGGCGTCCCGTCCGAGGGCCCTGCCACATCCCCCCTGGC AGCCCCCAGTCTCTGCCACTGCTGCCGGCCAGAAGCTTCGTTTGAAGCAAGAATTCCC AGTCCAGGAACCTACCCTGAGGGGGAAGCCGCCAGAGAATCCACATGAAATCGTGCTTT CTCGAGGACGCCACCATCGGCAACAGCAACAAAATGTCTATCAGCCCAGGGGTGGCTGGC CCAGGAGGAGTCGAGGGTCTGGAGAGGGGGAGCCAGGGGAGGACGCAGGTGCTCGTCCC GCAGACACACAATCCAGAAGTCACTTTCCTCGAGACATTGGTCAAGCCATCACTCCCAGC CACTCGAAGCTCACCCCCAAGCTGAAACTATGACTCTTGAAACAGGAGTCACAAAGCT GCAGAAGGCAGCCACTATGTGGATGAAGCCTCACACGAGGGGAGCTGGTGGGGAGGTGGG ATTTAGTGCACAGCCTCACGTGGGGCTTGACACAGGCTGGGGGTGGGCGCATGTAGGG AGACTAGCCTGCTCTCTGCTTCTGATTCTTACGCTTGTGTTGACCTGCTTGTCCAGAC ATAACCTGCATGAATCAGTTTTGGGGGAATGGACCTGGCATGGGGATGGGTTCCAGCCAG GTCTTTTGTGAGCCAGGAGTAGATGACAGGGAGTTGCCTTGGGGAACCTTTGGTGTGCCA AGAGGAGGTGGGTAGATGGGAGTGGGGCTCGGTCCCCAGGCCAGGGGACTCTCTCCAC TCTTTCCTGGGCTCG
Restriction Sites:	Please inquire
ACCN:	NM_030776
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:	The open reading frame of this TrueClone was fully sequenced and found to differ from the protein associated to this reference by a single amino acid.
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_030776.1, NP_110403.1</u>
RefSeq Size:	2224 bp
RefSeq ORF:	1290 bp
Locus ID:	81030
UniProt ID:	<u>Q9H171</u>
Cytogenetics:	20q13.31
Protein Pathways:	Cytosolic DNA-sensing pathway
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>