

Product datasheet for **SC338137**

ZDBF2 (NM_001285549) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZDBF2 (NM_001285549) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDBF2
Synonyms:	Slx9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001285549, the custom clone sequence may differ by one or more nucleotides

ATGATTCCCGATGGAAGCTCAGAGATACAGGAAGTAATGAAGAACAGTGGAAGCATTGTTCAGTGCTC
AGCACAGGAGTTTGACCAGACAGAGTAGACGTCAAATATGTACCAGTAGTTTGATGGAACGTTTCTTACA
GGATGTACTGCAGCACCACCCATATCATTGTCAAGAGAGCAGTTCAACACAAGATGAGACACATGTGAAT
ACTGGGTCATCGTCTGAAGTGGTGCATTGGATGATGCTTTTTCTGAAGAAGAGGAAGAGGATGAGGATA
AGGTTGAGGATGAGGATGCTACCGAAGAGAGACCATCCGAGGTTTCAGAACCTATTGAAGAGTTACATTC
CAGACCTCATAAATCTCAGGAAGGCACGCAGGAGGTTTCAGTTCGACCATCAGTTATTCAAAAACCTGGAG
AAGGGACAGCAGCAGCCCTTGGAGTTTGTTCATAAAATTGGGGCCAGTGTGAGAAAATGTAACTAGTAG
ATATTGGTCAGGCTACAAATAATAGAAGCAACTTGGTACGCCCCCAGTGATTTGTAATGCTCCTGCTAG
TTGTTTACCTGAAAGCTCTAACGATAGACCAGTTACAGCTAATACAACCTAGTTTACCACCAGCAGCTCAT
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GAAATCCTGTGCCATCATCCCATGTAGAACTACTTCATTTTCGTATCAGAAACATAAAGAAATCAAAATAG
GAAATCTTTACGCATGAATTGAGATAAGTTGGTTTTGTGGAAGATGTAAATCTCAGGGTAAACTTTA
TCAGCTGGCTTGAATTCATGAACGCATGGGTACTAAGGGCTCCTTAAGAGTTAAATCTCCTTCCAAAT
TAGCAGTAAACCCGAATAAACTGACATGCCTTCTAATAAAGGAATCTTTGAAGATACTATTGCAAGAA
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TGAGTCTAGAGGTTGAGAAATGAGTTTTGATTGCAGTTCCTTTTCACTCACTGACTGACCAATCTAA
GTGAGTGCCAAAGAAGTAAACCTTTCCAAGGAAGTACGTACTGATGTACAGTATAAGAATAATAATCTT
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TAAAGAAATAAGTCTTCAGAAATGCAAGGCATATTAGCCTGGTTGACCAAGCTATGAATCTAGTAGTTCT
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TAAACCTTCTAAGGAAGTGCACATTGGTTGGTTGATAAGAAGTATGGTTCCAGTAGCTCTGAAGTAAG



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TGCTGATTCTGTTTTCCCACTGCAGTCAGTGGTTGACAGACCCCCAGTGGCTGTACAGAAACAAAACCT
 CGGAAGAAGGCTCATACCAGCTTGGTTGATAACTATGGATCGAGTTGTTCTGAAACAAGTTTTGATTGTG
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GCTCCCCCTCTTCCATCTGATACTGATCAGCCTCAAGAACTGTTAAGAAAAGACACCTTGTGAAGAAG
TATCTTCTGACTTGAAAGAAAAGAACCATGATCCAGTCAAGCTCTGTTCTCAAGGTTGATTCTGTAAG
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GTACCTCCTTCATTTGTGGGAAAACATGGTCTCAGATAATGAGAGAAGATGACATAAAATTAATGCTC
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TTCGAAGGGGAAAAAAGGTTACCTGGGCTGACTTGAAGGTAAGGAGGACACTGCACCAACTCAAGCT
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CTGTGTTCTTTCTTTAAATATTAAGTAAAGAGGGTGAAGGCTTCTTTCCCTAAATGAGGCAC
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AAAAAGAAAATTCATGGAAAGAGGGTGACAACTAGTAGTAATAAGCTAGGTTTTCCCAAAAGGTTTATA
AACCAATTATTCAGCAAAAACCCAGAAAAGCTTCAGAGAAACAGTCAATTTGGATTCCGACCAAAACC
AAGTGATATCATTAGAAAGTATATTTGAAATACTCTGTCTTTTACGTCATAGATATCAGTCCAGGAGC
GCTTTTCTTGAAGGTATCTGAAGAAGAAAAATCTGTTGTCAGTAGGCTAAAGAAGGCGAAGAGAACAG
CTAAAGTGCTTTTGAACCTTTCAGTTCACCAAGCTGGTGCCGAAGAGCTGTCAAGCGCTATGGCAATCC
TCTCCAAAGCGACCTGTGCGGGCTTCTTGCCGCTTGCAAGAAGGAGGAAGAAGACTGATGAAAGCTAC
CATGGCCGACAGAAAGGTCCTTCTACACCTGTGAGAGCATATGATCTGAGAAGCTCATCTTGTTTACAAC
AACGTGAGAGAATGATGACTCGGCTAGCAAACTGAGAGGTAATGAGGTAAATAG

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001285549

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_001285549.1, NP_001272478.1

RefSeq Size:

10214 bp

RefSeq ORF:

7059 bp

Locus ID: 57683

Cytogenetics: 2q33.3

Gene Summary: This gene encodes a protein containing DBF4-type zinc finger domains. This gene is imprinted and paternally expressed in lymphocytes but is more stochastically expressed in the placenta. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015]
Transcript Variant: This variant (2) contains an alternate 5' terminal exon, two additional exons in the 5' region, and initiates translation from an alternate start codon compared to variant 1. The resulting shorter isoform (2) has a novel N-terminus compared to isoform 1.