

Product datasheet for **SC126129**

ZPBP2 (NM_198844) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZPBP2 (NM_198844) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZPBP2
Synonyms:	ZPBPL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_198844 edited
GCCGTTGCGACGGACGGGTAGGGGAGGCGACCCCGCGTTCCTGCTCCGCACTGTGGAGGA
GGTGGGGAGGTGTTGGGCCAGGGCTGAGGTAGGAGGGAGTCTGTCCTCGACGCCTCCTG
CGACGCCAGCCCTGAGCGATGATGCGAACGTGCGTCTACTCTCCGCGGTGCTCTGGT
CCTCACAGGAGACAAAATATATGTAGAGTTACATCAAAATAGTCCAGTCTTATCTGTAT
GGATTTTAAGCTTTCTAAAAAAGAAATAGTGGACCCCACTACTATGGATTGGGCCTAA
TGAAAAGACGTTAACAGGAAATAATAGAATAAATAAATACTGAAACTGGACAGCTGATGGT
GAAAGATTTTTGGAGCCTTTGTCTGGACTTTACACATGTAATCTTTCTATAAGACTGT
TAAAGCAGAACTCAAGAAGAAAAACAGTCAAAAAGAGATATGACTTTATGGTCTTTGC
CTATCGGGAACCTGATTATTCATATCAGATGGCTGTACGTTTTACCACAAGGTCTTGAT
AGGGAGATACAATGATGATTCTTTAGAGTGCTGAAGAAAATCTTGATAGTCTAATTTT
TGATTTGTCATGCCATGTCATAGAGCCATCATATAAATGCCATTCTGTTGAAATCCAGA
ACATGGCCTCATACATGAGCTATTTATAGCATTCAAGTTAATCCTTTTGCGCCGGGGT
GAAAGGTGCTTGAATGGATCTGTTGACTGTGAAGATACTAATCATAATATCCTCCA
GGCAAGAGATCGAATAGAAGACTTTTTTTCGGAGCCAAGCATATATTTTCTACCATAACT
TAATAAACTCTACCAGCAATGCAATTTTGTGGACCACAGTTTGAAGTAGTACGTCTGGA
TAGCTGTCGACCAGGCTTTGAAAAAATGAACGCTACACAGTAATTGCGCTAGCTGTTG
TGTGGTTTGTAGTCTGCGACTTTTAGTCTGATGTTAATGTAACCTGTGACACCTGCGT
TTCCGTCCTTACCTATGGAGCTAAATCTTGCCCAAACTTCAAACAAAAATCAGCAATA
TGAAGATTAGAGGTGAAAGCATTGTTACTTACTTGTGGAAGTCGGGGACATAAGATGATT
TTCACATCCCAGAGCATCATAGATAGTTCCATTAAGTAAATCAGTAAGACCAAACT
GGAAAACATGCATTTTGGAACTTTAAAATAAATGGTTAACATGGCATTCTAAGAAGGC
ATTTAATCCAGTATCTTAGTGTACAAAGGAACTTGAAGTTTTAATGGATTATTTTTAA
TGAAATGTTTTATTGTTTACAAACGGTATGTTGCTGTGTACCTAAGAGTATAGTAAGGTC
AAGAAGAGTATCAAAGTATAATAAAATAAAATTTGTATACTCTCCATATATTTATTTGTT
TGGAATCACTCTTGTGTGATATAAAGGCGTGTATATTATCTTTGTATTAGAACCAAAAA
GTTATTTATTTGGTCCCTATGATTTTATTTTTAAGATAAATTAATACTGTATTTTT
TAAAGTATAGGTTTAGGTTTACAGAATAATAGAGCAGATAATATATAGAGTTCCATACAC
CCACTGCACCCCATACCCTATTCCTTACACAATTTCTCCTATTATTAAGATGGTGC
ATTAGTGTGGCACATTTGTACAATGATGAACCAATATTAATTTATTATTAATTATAGC
CCATAGTTCACATTAAGATTCATTGTGTTGTAAGGTTATGTGGGTTTTGACAAATTCATA
ATGGCATGTGTGACCATTGCAGTCTCATACAGAATAGTTTCACCACCCTCAAAATCCTG
TGCTTCACTTATTTATCCCTCCCGCGTGCCCTGGCAACCACTGATCTTTTTACTGTCTC
TACAGTTTTGCCTTTTCCAAATGTCATGTAGTTGGTGGAGTTATGCAGTATGTAGACT
TTTTAGACTGGCTTTTCACTTAGCAATATGCATTTAAGGTTCCATGTCTTTTTGT
GACTTGATAGCTCATTTTTTATTGCTGAATAATGTTTATTGTATGGATATAGCATAGTAT
GTTTATCCATTCGCCATTAAGGAAATCTTGATTGCTCCAGTTTTCAGTGATTAATAA
TAAAGCCGCTATAAACAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198844 unedited NNGGCGTCAAATTTGTATACGACTCCTATGGGCGGCCGCATAACTTCGTATAGCATAACAT TATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGCCGT TGCGACGGACGGGTAGGGGAGGGCAGCCCGGCGTTCTGCTCCGCACTGTGGAGGAGGTGG GGAGGTGTTGGGCCAGGGCTGAGGTAGGAGGGAGTCTGTCCCTCGACGCCTCCTGCGACG CCAGCCCTGAGCGATGATGCGAACGTGCGTCTACTCTCCGCGGTGCTCTGGTGCCTCA CAGGAGACAAAAATATATGTAGAGTTACATCAAAATAGTCCAGTCTTATCTGTATGGATT TTAAGCTTTCTAAAAAGAAATAGTGGACCCACCTACTTATGGATTGGGCCTAATGAAA AGACGTTAACAGGAAATATAGAAATAAATAAATAACTGAAACTGGACAGCTGATGGTGAAAG ATTTTTGGAGCCTTTGTCTGGACTTTACACATGTACTCTTTCTATAAGACTGTTAAAG CAGAACTCAAGAAGAAAAACAGTCAAAAAGAGATGACTTTATGGTCTTTGCCTATC GGGAACCTGATTATTCATATCAGATGGCTGTACGTTTTACCACAAGGTCTTGATAGGGA GATACAATGATGATTCTTTAGAGTGTGAAGAAAATCTGGATAGTCTAATTTCTGATT TGTTCATGCCATGTCATAGAGCCATCATATAAATGCCATTCTGTTGAAATCCAGAACATG GCCTCATACATGAGCTATTTATAGCATTCAAGTTAATCTTTTGCGCCGGGGTGAAAG GTGCTTGAAGGATCTGTTGACTGTGAAGATACCCTAATCATA
Restriction Sites:	NotI-NotI
ACCN:	NM_198844
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_198844.1</u> , <u>NP_942141.1</u>
RefSeq Size:	2191 bp
RefSeq ORF:	948 bp
Locus ID:	124626
UniProt ID:	<u>Q6X784</u>
Cytogenetics:	17q21.1
Protein Families:	Secreted Protein
Gene Summary:	Is implicated in sperm-oocyte interaction during fertilization.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter protein (isoform 1).