

## Product datasheet for **SC126114**

### ZPBP1 (ZPBP) (NM\_007009) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZPBP1 (ZPBP) (NM\_007009) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZPBP1  
**Synonyms:** ZPBP1  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_007009 edited  
GACGGTGGGCAGGCGACGGCGCGTGTGGATGGAGGCCCTCGCCCTTGGCCCAGCGCGGG  
GGGGCAGGCGGGGACCCGGGCGCCGGCTCCCTGCTCTCTCGGGCCGCCATCCTCCTCT  
TTATCTCCGCCTTCTGTGCGGGTGCCCTCATCAGTTGGACACTTGGTTCGATTACCAA  
GAGCTTTTCGCTTGACCAAAGATTTCAGTGAAAATAGTGGGATCAACAAGTTTTCCAGTGA  
AAGCGTATGTCATGCTCCATCAAAGAGTCCACACGTGTATGTGTAACGCAACAACATGC  
GAAATGCTGAACTGATAGACCCATCATTCCAATGGTATGGGCCTAAAGGAAAAGTTGTTT  
CAGTAGAAAACCGCACTGCACAAATAACATCCACAGGAAGCCTTGATTCCAAAATTTTG  
AGGAGAGTATGAGTGGAAATTTATACATGTTTCTCGAATATAAACCTACTGTGGAAGAAA  
TTGTTAAACGTCTTCAACTAAAATATGCTATATATGCTTATCGTGAGCCTCATTATTATT  
ATCAGTTCACAGCTCGATATCATGCAGCTCCCTGCAATAGCATTATAATATTTCTTTTG  
AGAAGAACTTCTCAGATTTTAAGCAAAGCTTCTTGACCTTTTCATGTGAAATTTCTCT  
TACTTAAGTCTGAATGCCATCGCGTTAAAATGCAAAGAGCTGGTTTGCAAATGAATTGT  
TCTTTGCAATTTTCAGTTTCATCTCTAGACACTGAAAAAGGACCCAAGCGATGTACAGACC  
ATAACTGTGAACCTTACAAAAGACTTTTTAAGGCTAAAAATCTCATAGAGAGATTTTTTA  
ATCAACAAGTAGAAATCTTGGCAGACGTGCAGAACAAATTACCTCAAATATACTATATTG  
AAGTACTCTCCAAATGGTTTGGATTAATCGCTGCTTCCAGGATATGGAATGAATGTCC  
AGCAACATCCAAAATGTCCTGAGTGTGTGTGATCTGCAGCCCTGGATCATATAACCCCG  
GTGATGGAATTCATTGCCTTCAATGCAATAGCAGCCTGGTGTATGGAGCAAAAACGTGCT  
TATAAGCCATTATCTTCAGTTATTTCAGTGGTTTATTAATGCAAAGTATATATTTGAAAT  
ATTAACATAATAAATTATTATGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_007009 unedited AAAAAAGTCAGAAATTTGTAACGACTCATATAGGCGGACCGCAATTCGCCATTACGGCC GGGGGACGGTGGGCAGGCGACGGCGGCGTGTGGATGGAGGCCCTTCGCCCTTGCCCCAGCG CGGCGGGGCAGGCGGGGACCCGGGCGCCGGCTCCCTGCTCTCTCGGGCCGCCATCCTC CTCTTTATCTCCGCCCTTCTGGTGCGGGTGCCCTCATCAGTTGGACACTTGGTTTCGATTA CCAAGAGCTTTTCGCTTGACCAAAGATTGAGTAAAATAGTGGGATCAACAAGTTTTCCA GTGAAAGCGTATGTCATGCTCCATCAAAAAGAGTCCACACGTGTTATGTGTAACGCAACAA CTGCGAAATGCTGAACTGATAGACCCATCATTCCAATGGTATGGGCCTAAAGGAAAAGTT GTTTCAGTAGAAAACCGCACTGCACAAATAACATCCACAGGAAGCCTTGTATTCCAAAAT TTTGAGGAGAGTATGAGTGGAATTTATACATGTTTCTCGAATATAAACCTACTGTGAA GAAATTGTTAAACGTCTTCAACTAAAATATGCTATATATGCTTATCGTGAGCCTCATTAT TATTATCAGTTTACAGCTCGATATCATGCAGCTCCCTGCAATAGCATTATAAATTTTCT TTTGAGAAGAACTTCTCAGATTTTAAGCAAAGTCTTCTTGACCTTTCATGTGAAATT TCCTTACTTAAGTCTGAATGCCATCGCGTTAAAATGCANAGAGCTGGTTTGCAAAATGAA TTGTTCTTTGCATTTTCAGTTTTCATCTCTAGACACTGAAAAGGCCCAAGCGATGTACAG ACCATAACTGTGAACCTTANCAAAGACTTTTTAGGCTAAAATCTCATANAGAGATTTTAA TCAACAC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_007009
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_007009.1</a></u> , <u><a href="#">NP_008940.1</a></u>
<b>RefSeq Size:</b>	1177 bp
<b>RefSeq ORF:</b>	1056 bp
<b>Locus ID:</b>	11055
<b>UniProt ID:</b>	<u><a href="#">Q9BS86</a></u>
<b>Cytogenetics:</b>	7p12.2
<b>Protein Families:</b>	Secreted Protein, Transmembrane

**Gene Summary:**

ZPBP is one of several proteins that are thought to participate in secondary binding between acrosome-reacted sperm and the egg-specific extracellular matrix, the zona pellucida (McLeskey et al., 1998 [PubMed 9378618]).[supplied by OMIM, Aug 2008]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).