

Product datasheet for SC327471

ZPBP1 (ZPBP) (NM_001159878) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZPBP1 (ZPBP) (NM_001159878) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZPBP1
Synonyms:	ZPBP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327471 representing NM_001159878. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGGAGGCCTTCGCCCTTGGCCAGCGCGGGCAGGCGGGACCCGGGCGCCGGCTCCCTGCTC
TCTCGGGCCGCATCCTCCTCTTATCTCCGCCTTCTGGTGCGGGTGCCTCATCAGTTGGACACTTG
GTTTCGATTACCAAGAGCTTTTCGCTTGACCAAAGATTCAGTAAAATAGTGGATCAACAAGTTTCCA
GTGAAAGCGTATGTCATGCTCCATCAAAAGAGTCCACACGTGTTATGTGTAAACGCAACAACGCGAAAT
GCTGAAGTATAGACCCATCATTCCAATGGTATGGCCCTAAAGGAAAAGTTGTTTCAGAAAACCGCACT
GCACAAAATAACATCCACAGGAAGCCTTGTATTCCAAAATTTGAGGAGAGTATGAGTGGAAATTTATACA
TGTTTCCTCGAATATAAACCTACTGTGGAAGAAATTTGTTAAACGCTTCAACTAAAATATGCTATATAT
GCTTATCGTGAGCCTCATTATTATTATCAGTTCACAGCTCGATATCATGCAGCTCCCTGCAATAGCATT
TATAATATTTCTTTTGAGAAGAACTTCTTCAGATTTTAAAGCAAAGCTGCTTCTTGACCTTTCATGTGAA
ATTTCTTACTTAAGTCTGAATGCCATCGCGTTAAAATGCAAAGAGCTGGTTTGCAAAATGAATTGTTT
TTTGCAATTTTCAGTTTCATCTCTAGACACTGAAAAAGGCCAAGCGATGTACAGACCATAACTGTGAA
CCTTACAAAAGACTTTTTAAGGCTAAAAATCTCATAGAGAGATTTTTTAATCAACAAGTAGAAATCTT
GGCAGAGTGCAGAACAAATTACCTCAAATATACTATATTGAAGGTAAGTCTCCAAATGGTTTGGATTAAT
CGCTGCTTCCAGGATATGGAATGAATGTCCAGCAACATCCAAAATGCTCCTGAGTGTGTGATCTGC
AGCCCTGGATCATATAACCCCGTGATGGAATTCATTGCCTTCAATGCAATAGCAGCCTGGTGTATGGA
GCAAAAACGTGCTTATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001159878



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Insert Size:	1053 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_001159878.1
RefSeq Size:	1224 bp
RefSeq ORF:	1053 bp
Locus ID:	11055
UniProt ID:	Q9BS86
Cytogenetics:	7p12.2
Protein Families:	Secreted Protein, Transmembrane
MW:	40 kDa
Gene Summary:	<p>ZBPB 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]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region compared to variant 1. The encoded isoform (2) is shorter compared to isoform 1.</p>