

Product datasheet for **SC317476**

ZPBP2 (NM_198844) Human Untagged Clone

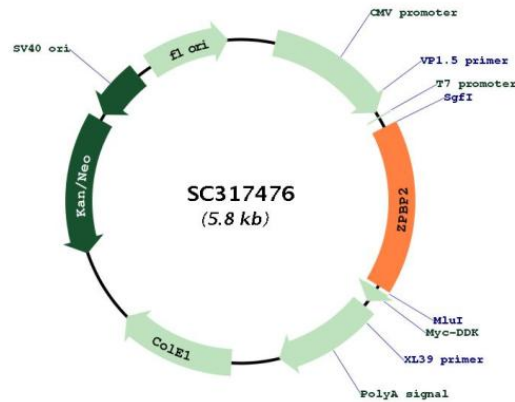
Product data:

Product Type:	Expression Plasmids
Product Name:	ZPBP2 (NM_198844) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZPBP2
Synonyms:	ZPBPL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317476 representing NM_198844. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGATGCGAACGTGCGTCTACTCTCCGCGGTGCTCTGGTGCCTCACAGGAGACAAAATATATGTAGAG
TTACATCAAAATAGTCCAGTCTTATCTGTATGGATTTTAAGCTTTCTAAAAAGAAATAGTGGACCCC
ACCTACTTATGGATTGGCCTAATGAAAAGACGTTAACAGGAAATAATAGAATAAATAACTGAAACT
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CGGGAACCTGATTATTCATATCAGATGGCTGTACGTTTTACCACAAGGTCTTGTATAGGGAGATACAAT
GATGTATTCTTTAGAGTCTGAAGAAAATCTTGGATAGTCTAATTTCTGATTTGTCATGCCATGTCATA
GAGCCATCATATAAATGCCATTCTGTTGAAATCCAGAACATGGCCTCATACATGAGCTATTTATAGCA
TTTCAAGTTAATCCTTTTGCGCCGGGTGGAAAGGTGCTTGCAATGGATCTGTTGACTGTGAAGATACC
ACTAATCATAATATCCTCCAGGCAAGAGATCGAATAGAAGACTTTTTTCGGAGCCAAGCATATATTTTC
TACCATAACTTTAATAAACTCTACCAGCAATGCATTTTGTGGACCACAGTTTGAAGTAGTACGCTG
GATAGCTGTCGACCAGGCTTTGGAAAAATGAACGTCTACACAGTAATTGCGCTAGCTGTTGTGTGGTT
TGTAGTCTGCGACTTTTAGTCTGATGTTAATGTAACCTGTGACACCTGCGTTTCCGCTTACCTAT
GGAGCTAAATCTTGCCCAAACTTCAAACAAAATCAGCAATATGAAGAT TAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC
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Restriction Sites: SgfI-MluI



Plasmid Map:


ACCN: NM_198844

Insert Size: 951 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:

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_198844.2](#)

RefSeq Size: 2205 bp

RefSeq ORF: 951 bp

Locus ID:	124626
UniProt ID:	Q6X784
Cytogenetics:	17q21.1
Protein Families:	Secreted Protein
MW:	36.1 kDa
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).