

Product datasheet for SC307930

ZPBP2 (NM_199321) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZPBP2 (NM_199321) 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:	>SC307930 representing NM_199321. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGCGAACGTGCGTCTACTCTCCGCGGTGCTCTGGTGCCTCACAGGAGTCCAATGCCCGCTTTT
ACCTTATTCAATAAGAAGGGCTTCATTTATGGCAAGACAGGACAGCCAGACAAAAATATGTAGAGTTA
CATCAAAATAGTCCAGTCTTATCTGTATGGATTTTAAGCTTTCTAAAAAAGAAATAGTGGACCCACC
TACTTATGGATTGGCCCTAATGAAAAGACGTTAACAGGAAATAATAGAATAAATAAAGTAACTGAACTGGA
CAGCTGATGGTGAAGATTTTTTGGAGCCTTTGTCTGGACTTTACACATGTACTCTTTCTATAAGACT
GTTAAAGCAGAACTCAAGAAGAAAAACAGTCAAAAAGAGATATGACTTTATGGCTTTGCCTATCGG
GAACCTGATTATTCATATCAGATGGCTGTACGTTTTACCACAAGGCTTGTATAGGGAGATACAATGAT
GTATTCCTTAGAGTGCTGAAGAAAATCTTGGATAGTCTAATTTCTGATTTGTCATGCCATGTCATAGAG
CCATCATATAAATGCCATTCTGTTGAAATTCAGAACATGGCCTCATACATGAGCTATTTATAGCATTT
CAAGTTAATCCTTTTGCGCCGGGTGAAAGGTGCTTGAATGGATCTGTTGACTGTGAAGATACCACT
AATCATAATATCCTCCAGGCAAGAGATCGAATAGAAGACTTTTTTCGGAGCCAAGCATATATTTCTAC
CATAACTTTAATAAACTCTACCAGCAATGCATTTTGTGGACCACAGTTTGAAGTAGTACGTCTGGAT
AGCTGTGACCAAGGCTTTGGAAAAATGAACGTCTACACAGTAATTGCGTAGCTGTTGTGTGGTTTGT
AGTCTGCGACTTTTAGTCTGATGTTAATGTAAGTGTGACTGTCAGACTGCGTTTCCGTCCTACCTATGGA
GCTAAATCTTGCCACAACCTTCAACAAAAATCAGCAATATGAAGATTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_199321



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Insert Size:	1017 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:	<u>NM_199321.2</u>
RefSeq Size:	2271 bp
RefSeq ORF:	1017 bp
Locus ID:	124626
UniProt ID:	<u>Q6X784</u>
Cytogenetics:	17q21.1
Protein Families:	Secreted Protein
MW:	38.7 kDa
Gene Summary:	Is implicated in sperm-oocyte interaction during fertilization.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has an additional in-frame exon in the 5' coding region, compared to variant 1, which results in a longer protein (isoform 2), compared to isoform 1.