

Product datasheet for **RG202682**

ZBPPI (ZBPB) (NM_007009) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZBPPI
Synonyms:	ZBPPI
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG202682 representing NM_007009
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGCCTTCGCCCTTGCCCCAGCGCGGGCAGGCGGCGGACCCGGGCCCGCGCTCCCTGCTCT
CTCGGGCCGCCATCCTCCTCTTTATCTCCGCCCTCCTGGTGCGGGTGCCCTCATCAGTTGGACACTTGGT
TCGATTACCAAGAGCTTTTCGCTTGACCAAGATTAGTGAAAATAGTGGGATCAACAAGTTTCCAGTG
AAAGCGTATGTCATGCTCCATCAAAAGAGTCCACACGTGTTATGTGAACGCAACAACGCGAAATGCTG
AACTGATAGACCCATCATTCCAATGGTATGGGCTAAAGGAAAAGTTGTTTCAGTAGAAAACCGCACTGC
ACAAATAACATCCACAGGAAGCCTTGATTCCAAAATTTGAGGAGAGTATGAGTGGAATTTATACATGT
TTCCTCGAATATAAACCTACTGTGGAAGAAATGTTAAACGTCTTCACTAAAATATGCTATATGCTT
ATCGTGAGCCTCATTATTATTATCAGTTCACAGCTCGATATCATGCAGCTCCCTGCAATAGCATTATAA
TATTTCTTTTGAGAAGAACTTCTTCAGATTTTAAGCAAAGTCTTCTTGACCTTTCATGTGAAATTTCC
TTACTTAAGTCTGAATGCCATCGCGTTAAATGCAAAGAGCTGGTTTGCAAAATGAATTGTTCTTTGCAT
TTTCAGTTTCATCTCTAGACACTGAAAAGGACCAAGCGATGTACAGACCATAACTGTGAACCTTACAA
AAGACTTTTAAAGGCTAAAAATCTCATAGAGAGATTTTAAATCAACAAGTAGAAATCTTGGCAGACGT
GCAGAACAAATTACCTCAAATATACTATATTGAAGGTACTCTCAAATGGTTGGATTAAATCGCTGCTTTT
CAGGATATGGAATGAATGTCCAGCAACATCCAAAATGTCTGAGTGCTGTGTGATCTGCAGCCCTGGATC
ATATAACCCCGTGATGGAATTCATTGCCTTCAATGCAATAGCAGCTGGTGTATGGAGCAAAACGTGC
TTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >RG202682 representing NM_007009
Red=Cloning site Green=Tags(s)

MEAFALGPARRGRRRTAAGSLLSRAAILLFISAFIVRVPSSVGHVLRPRAFRLTKDSVKIVGSTSPV
KAYVMLHQKSPHVLVCTQQLRNAELIDPSFQWYGPKGKVVSVENRTAQITSTGSLVFQNFEESSMGIYTC
FLEYKPTVEEIVKRLQLKYAIYAYREPHYYYQFTARYHAAPCNSIYNISFEKLLQILSKLLDLSCIEIS
LLKSECHRVKMQRAGLQNELFFAFSVSSLDTEKGPKRCTDHNCPEYKRLFKAKNLIERFFNQQVEILGRR
AEQLPQIYYIEGTLQMVWINRCFPGYGMNVQHPKCECCVICSPGSYNPRDGIHCLQCNSSLVYGAATC
L

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_007009

ORF Size: 1053 bp

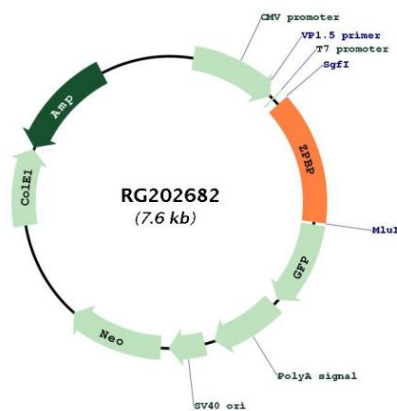
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_007009.3
RefSeq Size:	1177 bp
RefSeq ORF:	1056 bp
Locus ID:	11055
UniProt ID:	Q9BS86
Cytogenetics:	7p12.2
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	ZBP1 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]

Product images:



Circular map for RG202682