

Product datasheet for **MC204047**

Zfp521 (NM_145492) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp521 (NM_145492) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfp521
Synonyms: B930086A16Rik; Evi3; Znf521
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC021376

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CCACGCGTCCGGGACTACCGGAGCGACAGCGCAGTCCAAGACCTTGCAGGATGTCTCGCCGCAAGCAAGC  
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GCCCTGAATTATATTCACAATGGGAAGAAATCCCGGGCCTTGAGCCCTTTGTCCCCTGTGGCTATAGAAC
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 CCATCAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_145492
Insert Size: 3936 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).
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:	BC021376 , AAH21376
RefSeq Size:	4781 bp
RefSeq ORF:	3936 bp
Locus ID:	225207
UniProt ID:	Q6KAS7
Cytogenetics:	18 7.68 cM
Gene Summary:	<p>Transcription factor that can both act as an activator or a repressor depending on the context. Involved in BMP signaling and in the regulation of the immature compartment of the hematopoietic system. Associates with SMADs in response to BMP2 leading to activate transcription of BMP target genes. Acts as a transcriptional repressor via its interaction with EBF1, a transcription factor involved specification of B-cell lineage; this interaction preventing EBF1 to bind DNA and activate target genes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>