

## Product datasheet for **MR202427**

### Zcrb1 (NM\_026025) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zcrb1 (NM_026025) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zcrb1
Synonyms:	2700088M22Rik; Madp-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202427 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCGGTGGCTTGGCGCCAAGTAAAAGCACAGTTTATGTATCCAACCTGCCTTCTCCCTAACAAACA  
ATGATTTATACCGGATATTTTCCAAGTATGGCAAAGTTGTAAAGTTACTATAATGAAAGACAAAGATAC  
TAGGAAGAGTAAAGGTGTGCATTTATTTGTTTTGGATAAAGACTCTGCCTTAACTGCACCAGAGCA  
ATAAATAATAACAGTTATTTGGTAGAGTGATAAAGGCGAGCATCGCTATTGACAATGGAAGAGCAGCTG  
AGTTCATCCGGAGACGAACTACTTTGATAAATCTAAGTGTATGAATGTGGGAAAGTGGACACTTAAG  
TTATGCCTGTCTAAAAACATGCTTGGCGAGCGTGAGCCTCCAAAGAAGAAAGAGAAGAAGAAAGG  
AACTCCCTGAACCGGAAGAAGAAATTGAGGAAGTAGAAGTGAGTGAAGAGGAAGGAGAGACCCGGCTC  
TGGACAGTCTGAGTCAGGCCATAGCGTTCCAGCAGGCCAAGATTGAAGAAGAGCAAAGCAAATGGAGACC  
CAACCCAGGGGTCCCTCGACCTCAGATGATTCCAGACGACCAAGGATAAAGAAAAGTGCATACTTCAGT  
GATGAAGAAGAACTTAGTGAT

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR202427 protein sequence  
Red=Cloning site Green=Tags(s)

MSGGLAPSKSTVYVSNLPFSLTNNDLYRIFSKYGVVKTIMKDKDTRKSKGVAFILFLDKDSALNCTRA  
 INNKQLFGRVIKASIAIDNGRAAEFIRRRNYFDKSKCYECGESGHL SYACPKNMLGEREPPKKEKKKKR  
 KLPEPEEEIEEVSEEEGEDPALDSLQAI AFQQAKIEEEQSKWRPNPGPSTSDSRRPRIKKSAYFS  
 DEEELSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_026025

**ORF Size:** 654 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.

**RefSeq:** [NM\\_026025.3](#)

**RefSeq Size:** 826 bp

**RefSeq ORF:** 654 bp

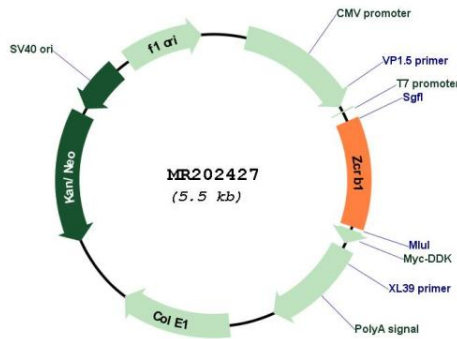
**Locus ID:** 67197

**UniProt ID:** [Q9CZ96](#)

**Cytogenetics:** 15 E3

**MW:** 24.6 kDa

**Product images:**



Circular map for MR202427