

## Product datasheet for **MC223486**

### Zfp518b (NM\_001177902) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zfp518b (NM\_001177902) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zfp518b  
**Synonyms:** 6820424L24Rik; AA410078; AI661722; Znf518b  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223486 representing NM\_001177902  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGATAAGGGAGATGAAGGATATTGGAGAACAACCTCTATACACACAAGTGAATGGGGACCCAGTT  
 CCTTGACCATGTCCCCAAACAACCTAATAGAGCAACTCGGACGGAGAGACAGGAAGCTCAGACCCTATT  
 GTACCAAGGTTCCAGAGGCAGAGGCTGCCACCATGACCATTGCTACTTGTGTACAGTGC AAAAGTGTTCAC  
 AAGATCCCCTCAAGACTTGAGGAAAGGCCCTGGGCAGAGCCAAGACACTTATGTCTGCTTTAAGTGCA  
 GCCTTCGAGCAGTGCCTACCCAGCTGCATTTTGTGAACAACAACGCTGGTGTGCGCATGTCCAGAAATGA  
 AACGAAACCATCTCGAGCCCTGTAATAAATTTAAGGTTAGGAACTTCAAGCCAGGCAAACTACTACTGT  
 GATAAGTGTGCTTCTCTACAAAGGACCCACTGCAGTACCGAAAGCACACGCTGCAGCACGAGGAGATCA  
 GGTTCACTGTCCCACTGCAGCTACATCTCTACACGAAAGGGGAGTTCCAGAGACATCTGGTGAAGCA  
 CACGGGCATCTCCCTTATCGTGTGAGTACTGCGACTATGGTGTATTTCGCAATGACTACATCGTCAAG  
 CACAGGAGGAGGGTCCACGAGCGGGCTGGGGCCAAGCGGCCATTCAAAAGTGTGGCAAGCTGGAACCCA  
 AGAGAACCAGCATCCCAAAGCAGAGCATGGAACCTCAAAGGGCCCAAGTCCCAGGGCTGCCTTCCAAAA  
 CAAGTTGTCGGACAGCTGTCTCGTTCCTCTCCACGCAACAAGACACACAACCTGATGTTA  
 TTACCCGAGCTAAAGAAGTACCAAAAAGATGTAGTGTATTCCCAACAAGTGACCCTGTCCGAGCCCA  
 GGGAGGTGAGCCTGTTGGGGAACAAGAATGTTGAGGTGGAAGTGTGTCCCCCTCAAAGGAACCCGTGCA  
 TCCAGGGATGCCGCTGACCGTTATGGCGCCCTCAGAGCTGGTGGTCCCCACCAACTGTCTGGCCAGTTG  
 ATGACGCTGAAGTTGTCAATGGTGTCTCAGCAGCTTGTGCTTAAACTGTTCCGTTGGAAGAAAACGCC  
 GCCTGGAACGAGCCGAGGAGATGGAGGCACTTCCGAGTGTCTGAGTACCGAGAAGGGCTCAGGGGGACA  
 GAAAAAATGCTTCTCCAGAAGCATCGAGGCTACTAGCCGTGGAAGGGAATGCCGAGACTTTGTGGC  
 CTGGATCGTCTGCACTCTTTGGTTCAGAAACAGCTTAAAAATGTGAAGTGGTGAAGTCTTGCAATTTT  
 TCATGCCGAATCTGGTGTCCACAGTCAACAAGAATCTTTCCTCGGTTCCGATACAATCAAGGAGTTACA  
 GAAATCTCACAGTCTGTGTCCGCTCGAGCCCTCCTTCTGCTGCCATAAAAAGTCAATCTCCAGCCTCT  
 GTACAAAATAGTGTTCCTATGGTCTGGGGCCACAGTGAAGCCATTTCTTGAGTAAAGCAGCTGTTGCTT



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TTGCTGATGACAGAAGAGGGGCCCGCAGTAACTCCCAGCAGCTCCTGCCGCTTGCCTCTTTGCCTTCAAA  
 GGTCCCTTCTCTGGAGAGAAGGGCTTATTGCCTATAGGTGAAAGTGACTTAGAAGCGAGGAATAGGATT  
 AGTCGCTCTGAAACCTTGGTTTCTCTGATAGGAAGCTGGAAGACAAGCAGATGGAAGCAAGGCAGTGG  
 GAAATACGGGCCAGGTTTCTCTGTGCAGAATAAAGAGTATTTACACATAAACATAACTGGAGAAGATA  
 ACCGAGGTCCCAACAGCCTGGGGATCAGCCTGGCAGCCCAAGACTTCTGAAACAGCAGGTGCCACGTTT  
 GAAGGCCAATCATCTCATCCGTGTTTTCGCTGAGCTCTGGATCTGAAAATGTACCGGAGGCCATTAAT  
 GGAATAGCTCAACCACCAAAAATAAAGTCCATTGAACTGCTGCGCAGAAAGATAGCTCAGTTGATTGAATC  
 TTGTGGCAAGCCTTCTCTTTGTCTGCCAATAGTGCTCAGCGACGTTCCATAGGTCAGGCACCAAGCTG  
 ACCTCAAAGCAACTCCCAAGGCTATTCAAGAAATGAGTGTGTCCTTACTGGCCCTGGCCCTACCCTG  
 GCCCTTCTGTGGGTCTCTCAAAAACCTCAAACGAGGACAGTATTACTGGCAGCAGACAGCTTGTTC  
 ACAGCAGGTCTGTCCCAGTTTATCAGTGCTAATGATGGGAAAATGGAAAACAGAGTGACCAGAAAGACT  
 CCTGTTGCTACTCCAGTCTGATCCCCAAGGGCCGTGTGAGGGTCTTAACTCTTGAAGATGCTC  
 ACATCATAGAGGTACCTGTGACACACCTGTTAGCATACCTGCAGCGAAGCCAGTTAGCAGGAACACT  
 TCCATTCTGCCCTATGAAACAGACAGGCTCGGGCTCCCAGCCCTTGACATGCAGAAAGTGACCGGCAGAC  
 ATGTCTCCGGTCTGGAGACATCTTTCGGCCAAATCTAGAAAAGAGGACACAATCTGCAGTGCCACTG  
 CTAAGAAAATGGTCCCTGTGTACAGCACGCACCAAGGAAGCAGTGACTCCATCAGGCAAGGAAGGCCAGT  
 TTCTAGAAAACCTAACTGTAAAGCAAGAATAAAACCAAGCAAGTGAAGTCAACCAAGAAGAAGAACAAGATG  
 CAGGCCAATCCCGGCCGTATTTCAAAGACCCCCCTCTTTTTTTCAGGTGGCAAGGCAGCTGCGCCTCA  
 TAGCTGCCAAACCAGATCAGTTGATTAATGTCCCGTCGGAACCAAGCCTGTCAATTGTGCTAAATCATCC  
 TGACGTTGACTCCCCGAAGTGACCAATGTGATGAAGGTAATCAACAAGTACAAAGGCAATGTCCTCAAG  
 GTTGTCTGTCTGAGAGGACTAGGTGTCAGCTGGGTGTCGGCGGTACCATATGCGGCTGACCTACCAGA  
 ATGTGGCAGAACTAACCACATGAAGAGGCAGATGATGTTGAAAATGAACTGAAGAAGGTTCATAAAAA  
 CAACTATCAGGTGGTGGCTCGATGCCGGACACCCCGCCAGTGTGTCTTTAAGTGCTGGTCTGTGGG  
 AGGCTCTACGAAGACCAGGAAGAGTGGATGAGTCACGGCCAGAGGCATTTGATAGAGGCCACCAGAGACT  
 GGGATGTCCTCTCTTCAAGGGCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001177902
- Insert Size:** 3249 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:**
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\\_001177902.1](#), [NP\\_001171373.1](#)

RefSeq Size: 6816 bp  
RefSeq ORF: 3249 bp  
Locus ID: 100515  
Cytogenetics: 5 B3