

Product datasheet for **MC202997**

Zfp553 (NM_146201) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp553 (NM_146201) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp553
Synonyms:	2600009K23Rik; AI431057; BC026401; C330013F15Rik; ENSMUSG00000054461; Znf48
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026401
 CGCGGTACAGAGGACTTGAAAGCGGCTGAGAGCCATCGGTACAGGGACTGAGACTATGGAGGCTTCTCCG
 GGGGATGAGTTTGAACACTCACCACAAGAGAGGGATGGCCAGAGATCAAGGAAGAGGAACAGTTAGCCC
 CAACTCTCAAGTAGGAAACACTTCTCTCAAACCCGATGGCATTCAAGTGTGGGATGATTTATGGGACCG
 CAGAGAGGGGCTTGAAAGCGACAGCCTCGAGACCCAGTCCCCGGATTCTGGGAGAACCCCGTGGGGA
 CAGGGCAGTAATGACCGAGCTGCTGTGTGGTGTGGCAAGAGTTTCAGGCAGATGTCTGATTTGG
 TGAAACACCAGAGACGCACACAGGGGAGAAGCCCTACAAGTGTGGCGTCTGTGGCAAGGGCTTTGGGGA
 CAGCTCAGCCCGAATCAAACATCAGCGAACTCACACTGGAGAGAAGGCCTACAGGGTCCGGCCACCGGCC
 CCAGGTCCTCCCAAGATGCCTCGATCTCGGATTCTGCTGGTGAACGCCACAGTCTGTGGCGAGTGTG
 GCAAGAGCTTCCGGCAGAGCTCTGACCTGGTCAAACACCAGCGGACGCACACAGGAGAGAAGCCCTACAA
 GTGTGGCATCTGTGGCAAGGGCTTTGGGACAGTTTCAGCCGAATAAAGCACCAGCGGACACACAGAGGG
 GATCAGCTGCCCCGGCCAGTGGTCCCCGACGGCAGCCATCCCCGGCAGCTCCGGCGGCTCCACACAGAC
 CCAAGGCCAGGACAAGCCGTATATCTGCACCGACTGCGGCAAAAGGTTTGTGCTCAGCTGCAGCCTGCT
 GAGCCACCAACGGAGTCACTTAGGCCCAAACCTTCGGTTGTGATGTGTGTGAAAGGAGTTTGCAGCG
 GGCTCTGACCTGGTGAACATCTGCGGGTACACACAGGTGAGAAGCCCTACCTGTGCCCTGAGTGTGGCA
 AAGGCTTTGCTGATAGCTCCGCCGGGTGAAGCATCTCCGCACCCACAGCGGCCAGAGGCCCTCACGCCTG
 CCCAGAGTGTAACCGTAGCTTTAGCCTCAGCTCCACTTCTTCCGCATCGCCTCACCCATGTGGAGCCC
 CAGGACTTCAGTCTCGCAGCCTACCCCGTGGTCCCGCTCATCCCCAGCCCTCTCCACCTCTCTCGGCA
 CCAGCCCTCACTGACGCCTCGGAGCCCTTCACTCCAGTGTGGGCTTTTGGCTACCTGGCTTGGGA
 ACCAGAGCCTGGGGGCCCGCAGGCTGGGGAGCCGCCCCACCTCTGGCAGGTGACAAGCCCCACAAGTGT
 CCTGAGTGTGGCAAAAGGTTTCCGACGAAGCTCTGATCTGGTGAACACCATCGTGTGCACACAGGGGAGA
 AACCTACCTCTGCCCTGAGTGTGGCAAAGGCTTTGCTGACAGTCTGCCGAGTCAAACACCTCCGCAC
 CCACAGGGCGAACGCCTAGACCACCACCACCACCTACTCTCTGCGGCCCATAAATCCACCTGGT
 TCTGTACCCATTGTCCCTCAGTCTCGAGTGCAGGTCGCGCCCTCCGGACCCAGCCAGCTTACGTGTGTG
 GCTTCTGTGGAAAGAGTTCCCCCGGAGCTCAGATTTAGTCAAACACAGGCGTACACATACCGGGGAGAA
 GCCATACAAATGTGCAGAATGTGGTAAGGGCTTTGGTGCAGCTCTGCTCGAATAAAGCACCAGCGTGGG
 CATCTGGCCTTAAGCCCTTTGGGTGGGGATGGTCCGCCAAGGCCCTTAAGGAGGAGTCACCAGCTG
 GACTGGAGTGTGGGAATTCTAGGGAGGGTAGAAGCCAGGGTACCGGAGGGAGGGTGTCTGCAGGTGAA
 GGCAGAGAAGAGCCTGGGAAACGGTGGGAGGGAAGAGGAGGATGAGAATAGCTAGAAACAGATTAGAGAC
 TACATAACCTTCATGCTCAGGAACTGTCTTGGTTAGGCGCTGGGACCTTGCCAGTGTGAGCTGTATCGC
 AGTTCTAGAACACTGCCTAGCACAGATTAGGCCCAATAGTTGTAAGAGCTGGACCCAGTTTTAAAT
 CCTACTGCCTCCTGTTAACACGCCCTCAACTGGACACAGCTGTGTCCAGCCTTTAGTTCCTGCAGCTCAG
 GAGGCAAAGGCAGGCAGATCTCTGAATTCATAGCCAGACTGATCTACAGAGAGTTCTAGGTAAGCCAGA
 ACTCTTTGGTGAACAAAAAACAATAAAAAACCTTGATCCTTTAGCCTTAGTCTGGGAGAGCAGATT
 GTTGAATTTTAGGTGTCCAGACAAGGCGGGGCATCTTGGCCACCTGGGGGTGAAGTATTGCTGTGGA
 GAAGGCAGTTCTCACCTCAGCCTGTGGGCACTGGGCGTGGTTTTATCCAAGAAGGGCACTTTGGGAAAG
 AGCTTATGTCTGTATGATTTGAGGTCCTTCCCACTCAGACACTGGGACCTGGTAAAATAGAAGAGCCAC
 GGGAGGCAGAGGCAGGCGGATTTCTGAGTTCGAGGCCAGCCTGGTCTACAGAGTGAAGTTCTAGGACAGCC
 AGGGCTATACAGAGAAACCTGTCTCGAAAAAACGAAAAACAACAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_146201
- Insert Size:** 1776 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: [BC026401](#), [AAH26401](#)

RefSeq Size: 2659 bp

RefSeq ORF: 1776 bp

Locus ID: 233887

UniProt ID: [Q3US17](#)

Cytogenetics: 7 F3

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]