

## Product datasheet for **MC221273**

### Zfp458 (NM\_001001152) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp458 (NM_001001152) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp458
Synonyms:	BC062958; mszf59-2; Rslcan-7; Znf728
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC221273 representing NM\_001001152  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGACATGTTGTCATTCTGGGATGTGGCTATATATTTCTCTGCAGAGGAGTGGGAATGTCTGGGTC  
 CTGCTCAGTGGAACTGTACAGGGACGTGATGCTGGAGAATTACAGCAACCTTGTGTTCTGGGCTTTGC  
 TTCTTCTAAGCCATACCTGGTCACATTTCTGGAACAAATACAAGAGCCTTCAGATGTGAAGAGACAAGCG  
 GCCATCACTGTGCATCCAGGGGAAAAATGCTATACATGCAAAGAAATGTGGCAAAGGCTTTGAGCACAAAA  
 AAGTATATCAGAATCACCGGAGAATTCATTTAAGAGTGAAGTCTACAAGTGTGAAGAAATGTGGCAAGTC  
 CTTCCGTTTTCCATCATTACTTTCTGCACATAAAAAGAAATCATACAGGACAAAAACCTACAAGTGTGAA  
 ATATGTAGTAAAGCCTTCCAGTTCCTTATTGCTTTCTGTACACAAGAGAATTCATAGAGTACAGAAAC  
 CCTACAAGTCTGAAGATTATGGCAAGACCTTACATTGTCCATCATTACTTTCTCAACACAAGATAGTTCA  
 TACAGGAGAAAAACCTACCAGTGTGAAGACTTGGCAAGGCCTCCGTTATCCATCAAGACTTTCCAAC  
 CATAAGAAAAATCATACAGGAGAGAAACACACAAGTGTGAAGTATGTGGCAAGGCTTCGATTATCCAT  
 CAAGACTTTCCAACCATAGAGAATTCATACAGGAGAGAAACCTACAAATGTGAAGTATGTGGCAAAGC  
 CTTCCATGATCCATCAAACTCTCTCAACACAAAAATAATTCATACAGGAGAAAAACCTACAAATGTGAA  
 GTTTGTGGCAAGACCTTCCATTATCCATCCATACTTTCTAAACATAAAAAATTCATACAAAAGAGAATC  
 TCTGCAAGTGTGATATATGTGGCAAGGCCTTCCATTATCCATTACTTTCTCAACACAAAAATTGTTCA  
 CACAGGAGAAAAACCTACAAATGTGAAGACTGTGGCAAGGCCTTCTATTATCCATCAAGACTTTCCAGA  
 CATAAGAAAAATACATACAGGAGAGAAACCATACAAGTGTGAAGTATGTGGCAAGGCTTCTATTATCTAT  
 CCATACTTTCTAAACACATGATAGTTTCATACAGAAGAAAAATCCTTACAAGTGTGAAGTATGTGGCAAGGC  
 CTTTGATTATCCATCAAGGCTTTCCAATCATAAGAAAAATTCATACAGAAGATAAAACACACAAGTGTGAA  
 GTATGTGGAAATGCCTTCTGTTTTTCATCATCACTTCGTAACACAAGATAATTCACACAGGAGAAAAAC  
 CCTACAAGTGTGACATATGTGGCAAGGCCTTGGTTCTCCATCAAGACTTTCCAACATAACAAAAATTCA  
 TACAGAAGATAAACCATACAAGTGTGAAGTATGTGGAAAGGCCTTCCACTTTCCATCATTACTCTTGGTA  
 CACAAGAGAATTCATACTGGAGAAAAACCTTACAAGTGTGAAGTATGTGGCAAGGCTTCTATTGTCTAT  
 CTACACTTTCTGTACACAAGAGAATTCATACTGGAGAATATGCCTACAAATGTGAAGTGTGTGGCAAAGC  
 CTTCCATTGTCTATCAACATTGTCAGTGCACAAGAGAATTCATACTCAAGAAAAACCTACAAGTGTGAA  
 GTATGTGGCCAGGCATTCCATGCTTCATCAAACTTTCTCATCACAAGAGAATTCATTACAGGAGAAAAAC  
 CCCACAAATGTGAAATTTGTGGCAAATCATTCTATTATCCATCAAGACTTTCCAAGCATAAGGTAATTCA  
 TACAGGAGAGAAACCGTACCACAGTCAAGCAAGTGGAAAGACCCTTGATTATCCTTCAAGACATTCCAAA  
 CCTAAGACAATTAAGACAGGAGAAAAACCAACAAATGTGAAATATGTGGAAAAGCCTTCTCCTTTCCAT  
 CATTACTTTCTATACACAAGAGAATTCATATTGGAGAAAAACCTATAATTGTGAAGTATGTGGCAAGGC  
 TTTCCGAAATCCATCAAGACTTTCAAACCATAGAAAAATTCATACAGGAGAGAAACCATACAAGTGTGAA  
 ATTTGTGGTAAGGCCTTTGATTATCCATCTTTACTTTCTAAACACAAGATCATTACATACAGGAGAGAAGC  
 CCTACCACAGTGAAGTGTGTGGCAAGGCCTTCAGTATTATCATCAAGAATTTCAAAGATAAGAAAAATTTG  
 TACAGGAGAGAAACCA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001001152  
**Insert Size:** 2259 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001001152.2</a></u> , <u><a href="#">NP_001001152.1</a></u>
<b>RefSeq Size:</b>	3488 bp
<b>RefSeq ORF:</b>	2259 bp
<b>Locus ID:</b>	238690
<b>UniProt ID:</b>	<u><a href="#">Q6P5C7</a></u>
<b>Cytogenetics:</b>	13 34.54 cM