

Product datasheet for **RN200021**

Zfp458 (NM_001024299) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp458 (NM_001024299) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp458
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200021 representing NM_001024299
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTGGAGAATTACAGCAACCTTGTGTTCTGGTCTTGTCTCCTAAGCCATACCTGATTACACTTC
 TGGAAACAATAAAGAGCCTTCAGATATGAAGAAACGAGAGGCTATCACTCTGCACCCAGGGGAAAATG
 CTATATGTGCGAAGAATGTGGCCAAGTCTTTGAGTGAAAAAAGTACTTCAGAATCACCAGAAAATTCAT
 TTAAGAGCAAAGCCTTACAAGTGTGAAGAATGTGGCAAGTCTTTCCATTTTCCATCATTACTTTCTGCAC
 ACAAAGAAAATCATACAGGAGAAAACTCTACAAGTGTGAAATATGTTGTAAGCCTTCCATGCTTCTTC
 ACTGCTTTCTTTACACAAGAGAATTCATACAGGACAGAAACCCACGAGTCTGAAAATTATAGCAAGGAC
 TTCCATTATCCATCATTACTTTCTAAAACAAGGTAGTTCATACAGGAGAAAAATCTACCAATGTGAAG
 ACCATGGCAAGACCTTCCATTATCCATCAACATTTTCCAAGCATAAGAAAATTCATACAGGAGAGAAACC
 ACACAAGTGTGAAGTATGTGGCAAGGCCTTCGACTATCCATCAAGACTTTCCAACCATAAGAGAATTCAT
 ACAGGAGAAAAACCTACAATGTGAAGTATGTGACAGAGCCTTCCATGATCCATCAAACTTTCTCAAC
 ACAAATAAATTCATACAGGAGAAAAACCTACAATGTGACGTTTGTGGCAAGGCCTTTCATTATCCATC
 CATACTTTCTAAACATAAGATAATTCATACAGAAGAGAATCTCTGCAAGTGTGATATATGTGGCAAGGCC
 TTCCATTATCCATTACTTTCTCAACACAAAATAGTTCATACAGGAGAAAAACCTACAATGTGAAG
 ACTGTGGCAAAGCCTTCTATTATCCATCAAGACTTTCCAGACATAAGAAAATACATACAGGAGAGAAACC
 ATACAAGTGTGAAGTATGTGGCAAGGCCTTCCATTATCTATCCATACTTTCTAAACACAAGATAGTTCAT
 ACAGAAGAGAATCCCTACAAGTGTGAAGTATGTGGCAAGGCCTTGGATTATCCATCAAGGCTTTCCAACC
 ATAAAAAATTCATACAGAAGAGAAACCATACAAGTGTGAAGTATGTGGAAATGCCTTCTGTTTTTCATC
 ATCACTTCGTAACACAAGATAATTCACACAGGAGAGAAACCTACAAGTGTGAAGTATGTGGCAAGGCC
 TTTGGTCTCCATCAAGACTTTCCAACATAAGAAAATTCATACAGAAGAGAAACCATACAAGTGTGAAG
 TATGTGGAAAGGCCTTCCACTTTCCATCATTACTCTCGGTACACAAGAGAATTCATACGGGAGAAAAACC
 CTACAAGTGTGAGATATGTGGCAAAGCCTTCTATTGTGCATCAACACTTTCTGTACACAAGAGAATTCAT
 ACTGGAGAAAACAACTACAAGTGTGAAGTATGTGGCAAAGCCTTCCATTGTCCATCAACACTTTCAAGTGC
 ACAGGAGAAATTCATACTCAAGAAAACCATACAAGTGTGAAGTATGTGGCCAGGCATTCCATGTTTCATC
 TAAACTCTTTATCATAAGAGAATTCATACAGCAGAAAAACCTACAATGTGAAATTTGTGGCAAGGCC
 TTCTATTATCCATCAAGACTTTCCAAGCATAAGATAGTTCATATGGGAGAGAAACGCTACCATGGTCAAG
 CATGTGGCAAGGCCTTGATTATCCATCAAGACATTCTAAACATAAGAACTTAATCCAGGAGAGAAACC
 ACACAAATGTGAAATATGTGGAAAAGCCTTCCACTTTCCATCATTACTTTGATACACAAGAAAATTCAT
 ACTGGAGAAAAACCTGTAAGTGTGAAGTATGTGGCAAGGACTTCCATTATCCATCAAGACTTTCAAACC
 ACAAGAAAATTCATACAGAAGGGAAAGCATACAAGTGTGATATTTGTGACAAGACCTTCAATTATAAATC
 ATTACTTTCTAAACACAAGATTGGTCATACAGTAGAGAATACCTACCACAGTGAAGTATGTGGGAAGGCC
 TTTGGTATTCTCAAGAATTTCCAAGATAAGAACTTCATTACAGGAGAGAAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024299

Insert Size: 2160 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:	<u>NM_001024299.1, NP_001019470.1</u>
RefSeq Size:	3293 bp
RefSeq ORF:	2160 bp
Locus ID:	499563
Cytogenetics:	2q22