

Product datasheet for **RN211605**

Zfp583 (NM_001134609) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp583 (NM_001134609) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp583
Synonyms:	RGD1562044
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211605 representing NM_001134609
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCAAGGACTTGCTGACATTTGAGGATGTGTCTGTAGATTTCACTCAAGAGGAATGGCAACAGCTGA
 GTGACACACAGAGAGACTTGACAGGAAGGTGACATTGGAGAAGCTATAGGAGCCTGGTGTGCTGGGAAT
 TCCTATTTACAAACAGTCGTGATCTCATTACTGGAACAAGGAAAAGACCCCTGGATGGTGCAGAAGAAG
 GGGGCCAGAGACACATGCCCTGATTGGGAGTATGTTTTCAAAGCACTGAATTTATCAAAGCAAGATA
 TCTATAAAGCATCTGCCAAAGTCTGACAATGGGAGAAGCCATTTAGTTCCAGATTTGACTGTTCCAA
 TTTGAAAGAAAACCATGAAAGTAAAGACTGGTTTAAAGAACAGGTTGGGAGGTGAGGAGGTGTTCCAGT
 CAATCACTTATCACTCATAAAGAGTCCCTGAAAATCAAAGTAGTGTGTGCAATCCATCTTGTCAAGCCT
 TCCATCAGGATGCAATACTAGATACACCCCAAAGTTTCTCTACCAAAGAAAGAATAGATCAGAGTGAACC
 ACAAAGAGAAGTTACCGAAAAAGCCATTGAAATGAAACACAAGAAGGTCCACGTCGAAAAGAAAATC
 CTGAAGTGTAAGTGTGAAAAAGTCTTTAATCAGAGCTCGTCCCTTACTCTCCATCAGAGAATTCATA
 CCGGAGAGAAAACCTACGCATGCGTCGAATGCGGGAAGCCTTCAGCCAAAGCGCCAACCTAGCGCAACA
 CAAGAGAATACACACCGGGGAGAAGCCTTATGAATGTAAGAGTGTAGGAAAGCCTTCAGCCAGAACGCA
 CATCTTGCTCAGCATCAGAGAGTTCACACTGGAGAGAAGCCTTACCAGTGTAAAGAGTGTAAAAAGCCT
 TCAGCCAGATCGCCACCTGACTCAGCATCAACGGATTACACGGGAGAGCGACCTTTGAATGTATCGA
 GTGCGGAAAAGCGTTTAGTAACGGTTTATTCTTGCTCAGCATCAGAGAATTCATACGGGCGAGAAACCG
 TATGTGTGCCATGTGTGTTGGGAAAGCTTTAGTCACCGTGGATACCTAATTGTACATCAGAGAATCCATA
 CTGGGGAGAGACCGTATGAATGTAAGAATGTAGGAAGTCCTTCAGCCAGTACGCACACCTTTCTCAACA
 TCAGCGAGTGCATACTGGAGAAAAGCCTTACGAATGTAAGTGTGTAGGAAGGCGTTCAGCCAGATTGCT
 TACCTTGATCAACATCAGAGGTTTCACTGAGAGAAAACCTACGAATGTGCCGAATGTAGAAAAGCCT
 TCAGCAACAGTTCATCGCTCGCACAGCATCAGAGAAGCCACACCGGAGAGAAAACCTACATATGTAAGGA
 ATGTAGGAAAACATTTAGCCAAATGCAGGCTTGCTCAACATCAAAGAATCCATACTGGAGAGAAAACCT
 TACGAATGTAATATTTGTGGGAAAGCCTTTAGTTATAGTGGATCTTACCCTACATCAGAGAATTCATA
 CCGGAGAGAGACCTTATGAATGTAAGACTGCAGGAAATCTTTCAGGCAGCGTGCACCTTGCTCACCA
 CGAGAAAGTCCATACTATGGAGTCACTCTGTCCCTTTCTCTCCATCACCTCTATATCCAGTCAGTTG
 CCAAGGACTCTCAGTTTTATCTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134609

Insert Size: 1707 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_001134609.2, NP_001128081.2

RefSeq Size: 2550 bp

RefSeq ORF: 1707 bp

Locus ID: 499068

Cytogenetics: 1q12