

Product datasheet for RN217455

Zfr (NM_001270972) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfr (NM_001270972) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217455 representing NM_001270972 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATTCCCATATGCCCTGTAGTTTCTTTACCTATGTGCCAGCCGGCTGGGGGAAGATGCCAAAATGG
CGACCGGCAACTACTTTGGATTCACCCACAGCGGGCGGGCGGGCGGGCTGCGGCCAGTATAGCCA
GCAGCCAGCTTCGGGTAGCCTATTCCCATCCAACACTGTTGCTAGCTACACTGTCCATCAGGCTCCA
GTAGCTGCTCACACAGTTACTGTGCTTACGCACCAGCAGCCGCCACAGTTGCAGTTGCCAGGCCTGCT
CAGTTGCTGTTGCAGCTGCTGCAACAGCTGCTGCTTATGGAGGCTACCCACTGCACACACAGCAACCGA
CTATGGTTACACCCAGAGGCAACAAGAAGCACCACCACCACCCAGCTACTACACAGAACTACCAG
GACTCATACTCGTATGTAAGATCCACAGCCCTGCTGTGGCTTATGATAGTAAGCAGTACTACCAACAGC
CCACAGCAACTGCTGCTGCAGTGGCTGCTGCCAGCCTCAGCCTTCGGTTGCTGAAACCTACTATCA
GACAGCTCCTAAAGCAGTTATAGTCAAGGTGCAACACAGTATACTCAAGCCAGCAAGCTCGACAAGTG
ACAGCCATAAAACAGCCACCCCAAGTCCAGCTACCCTACTTTCTCCATTTATCCTGTGCTCCTCCACTG
TACAGCCAGTGGCAGCTGCGGCTACTGTGGTACCGTCCTATACTCAGAGTGTACTTACAGTACCACAGC
AGTTACTTACTCCGGTACATCTTATTAGGTTATGAAGCAGCCGTATATTCAGCTGCGTCTTCTACTAC
CAACAGCAGCAGCAACAGAAGCAAGCAGCAGCAGCTGCTGCTGCAGCAGCAACAGCTGCCTGGA
CAGGGACCACCTTACTAAAAAACACCAATCCAAAATAAACAAGTAAACCAAAACAGCCTCCCAAAC
ACCCAGATTCAATTATTGTGATGTTTGAAGATCAGCTGTGCTGGACCACAGACTTATAAAGAGCACTTA
GAAGGACAGAAACATAAAAAAAGGAAGCCGATTGAAAGCCTCTCAAAATACCAGCAGCAGCAACAACT
CAACTCGTGGGACACAAAATCAGCTACGTTGCGAGCTCTGTGATGTGCTTGTACAGGAGCAGATGCATA
TGCTGCCACATTCGTGGTGTAAAGCATCAGAAAGTGGTAAATACACAAAAAAGTAAACCTATT
CCTTCAACGGAACCAATGTTGTTAGCCAAGCTACTTCTTCAACAGCTGTATCTGCTTCAAACCAACTG
CCTCTCCTTCAAGTATTGGAGCAAGCAATTGACTCTGAACACGTCATCAATTGCAACTACTTTCAGTGAA
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AATATGGCTGCCAAGAAAACATCTACCCAAAAATAAAGTGGTGGAAATAAGCTACAGTCAACAG
GAAATAAAGCTGAAGACTTAAAGGAACTGACTGCATTAATAAATCCTGCTGCCTCTGCTGTACAGAT
TCCAGAAGTAAAGCAAGATGCAGTGTGAGAACCAGTCACACCTGCATCCCTTGTGCTTTCAGAGTGAT



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GTGCAACCAGTGGGACATGATTATGTTGAAGAGGTACGAAATGATGAAGGAAAAGTCATTGCTTCCATT
GTAATTATGTGAATGCAGCTTTAATGACCCCAATGCTAAAGAGATGCACCTAAAAGGACGAAGACATAG
ACTTCAGTATAAAAAAAAAAGTAAATCCAGATTTGCAAGTGAAGTGAAGCCAGTATTCGTGCAAGAAA
ATTCAGAAGAGAAAAATGAGAAAGCAATGCAGAAGGAAGAGTACTGGCGGAGACGAGAAGAAGAGGAGC
GCTGGAGGATGGAATAAGACGTTATGAAGAAGACATGTACTGGAGAAGAATGGAGGAAGAACAGCATCA
TTGGGATGATCGCCGACGAATGCCTGATGGAGGCTATCCTCATGGCCTCCAGGTCCATTAGTCTTTTG
GGAGCCGACCAGGCATGCCTCCCGAGCCACAGGGCCCTGCACCCTTACGTCGCCCTGACTCATCTGATG
ATCGTTATGTAATGACAAAGCATGCAACTATTTATCCAACGGAAGAAGAGTTACAAGCAGTTCAGAAAAAT
TGTTTCTATCACTGAACGTGCTTTAAAGCTTGTTTCAGACAGTTTGTCTGAACATGAGAAGCAAGAAT
AAAGAGGGAGATGATAAGAAAGAGGGAGGTAAAGACAGAGCTCTGAAAGGGGTGTTGCGAGTAGGAGTAT
TGGCAAAAGGATTGCTTCTCCGAGGAGACAGAAATGTCAACCTGTTTTGCTGTGTTAGAAAAACCTTC
CAAGTCATTATTAAGCCGATTGACAGAAAACCTACCCAAACAGCTTGCTGTTATAAGTCTGAGAAGTAT
GACATAAAATGTGCGGTGTCTGAGGCAGCGATCATTTTGAACCTGTGTGGAACCCAAAATGCAAGTCA
CTATACCCTGACATCTCAATTATTCGAGAAGAGAACATGAGGGAAGGAGATGTAACTCGGGTATGGT
GAAAGACCCACCGACGCTTTGGACAGGCAAAAATGCCTTGACGCTCTGGCTGCTACGCCACGCTAAG
TGGTTCAGGCTAGAGCTAATGGCTACAGTCCGTGTGATTATCATACGTATTCTCCGAGACCTTTGTC
AGCGAGTTCCAACATGGTCTGATTTTCTAGCTGGGCTATGGAGTACTGGTAGAGAAAAGCAATTAGCAG
TGCTTCTAGTCTCAAAGCCCTGGAGATGCCCTGAGAAGAGTATTTGAGTGCATTTCTTCAGGGATTATT
CTCAAAGGCAGCCCTGGACTTCTGGATCCTTGTAAGGATCCCTTTGACTTTGGCAACAATGACTG
ACCAACAGCGTGAAGACATTACATCCAGTGCACAGTTTGCAATGAGACTCCTTGCAATCCGTGAGATACA
CAAAGTTCTGGGAATGGATCCATTACCACAAATGAATCAACGCTTTAATATCCACAACAACAGGAAAACGA
AGAAGGGATAGTATGGAGTGGATGGATTTGAAGCTGAGGGGAAAAAAGACAAAAAGGATTATGATAACT
TTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001270972
Insert Size:	3225 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001270972.1</u> , <u>NP_001257901.1</u>

RefSeq Size: 5011 bp
RefSeq ORF: 3225 bp
Locus ID: 365703
Cytogenetics: 2q16