

Product datasheet for MC223450

Zfr (NM_011767) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfr (NM_011767) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfr
Synonyms:	C920030H05Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223450 representing NM_011767 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATTCCCATATGCCCTGTAGTTTCTTTCACCTATGTGCCAGCCGGCTGGGGGAAGATGCCAAAATGG
CGACCGGCAACTACTTTGGATTCACCCACAGCGGGCGGGCGGGCGGGCTGCGGCCAGTATAGCCA
GCAGCCAGCTTCGGGTGTAGCCTATTCCCATCCAACACTACAGTTGCTAGCTACACTGTCCATCAGGCTCCA
GTAGCTGCTCACACAGTTACTGTGCTTACGCACCAGCAGCCGCCACAGTTGCAGTTGCCAGGCCTGCTC
CAGTTGCTGTTGCAGCTGCTGCAACAGCTGCTGCATATGGAGGCTACCCCACTGCACACACAGCAACCGA
CTATGGTTACACCCAGAGGCAACAAGAAGCACCACCACCACCCCACTACTACACAGAACTACCAG
GACTCATATTCGTATGTAAGATCCACAGCCCTGCTGTAGCTTATGATAGTAAGCAGTACTACCAACAGC
CAACAGCAACTGCTGCTGCTGTAGCTGCTGCCAGCCTCAGCCTTCTGTTGCTGAAACCTACTATCA
GACAGCCCTAAAGCAGGTTATAGCCAAGGTGCAACACAGTATACTCAAGCGCAGCAAGCTCGGCAAGTG
ACAGCCATAAAACCAGCCACACCAAGTCCAGCTACCCTACTTTCTCCATTTATCCTGTGCTCCTCACTG
TACAACCGGTGGCAGCTGCAGTACTGTGGTACCATCTATACTCAGAGTGTACTTACAGTACCACAGC
AGTTACTTATTCTGGTACATCTTATTAGGTTATGAAGCAGCCGTATATTAGCTGCGTCTTCTACTAC
CAACAGCAGCAGCAACAACAGAAGCAAGCAGCAGCAGCTGCTGCTGCAGCAGCAACAGCTGCCTGGA
CAGGGACCACCTTACTAAAAAACACCAATCCAAAATAAACTGAAACCAAAACAGCCTCCCAAACC
ACCCAGATTCAATTATTGTGATGTTTGAAGATCAGCTGTGCTGGACCACAGACTATAAAGAGCACTTA
GAAGGACAGAAACATAAAAAAAGGAAGCCGATTGAAAGCCTCTCAAAATACCAGCAGCAGCAACAAC
CAACTCGTGGGACACAAAATCAGCTACGTTGCGAGCTCTGTGATGTGCTTGTACAGGAGCAGATGCATA
TGCTGCCACATTCGTGGTGCTAAGCATCAGAAAGTGGTAAATTACACAAAACTTGGTAAACCTATT
CCTTCAACGGAACCAATGTTGTTAGCCAAGCTACTTCTTCAACAGCTGCATCTGCTTCAAACCAACTG
CCTCTCCTTCAAGTATTGGCGAAGCAATTGACTCTGAACACGTCATCAATTGCAACTTCTTCAAGTAA
AGGCTTTCAACTACAGGAACTCGTCTCTTAATAGTACATCCAACACTAAAGTGTGAGGATACCTACC
AATATGGCTGCCAAGAAAACATCTACACCAAAAATAAACTTTGTTGGTGGAAATAAGCTACAGTCAACAG



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GAAATAAACGGAAGACTTAAAAGGAATTGACTGTGTTAAGAATACTCCTGCTGCCTCTGCTGTGCAGAT
 TCCAGAAGTAAAGCAAGATGCAGGGTCAGAACCAGTCACACCTGCGTCCCTTGCTGCTCTGCAGAGTGAT
 GTACAACCAGTGGGACATGATTATGTTGAAGAGGTACGAAATGATGAAGGAAAAGTCATTCGCTCCATT
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 ACTTCAGTATAAAAAAAGTAAATCCAGATTTGCAAGTAGAAGTGAAGCCCAGTATTCGTGCCAGAAAA
 ATTCAAGAAGAGAAAAATGAGAAAAGCAATGCAGAAGGAGGAATATTGGCGGAGACGAGAAGAGGAGGAAC
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 TTGGGATGATCGCAGACGAATGCCTGATGGCGGCTATCCTCATGGTCTCCCGGCCCACTAGGTCTTTTG
 GGAGTCCGACCAGGCATGCCTCCCCAGCCGAGGGTCTGCCCCCTTACGGCGTCTGACTCATCTGATG
 ATCGTTATGTAATGACAAAGCATGCAACTATTTATCCAAGTGAAGAAGAGTTACAAGCCGTCAGAAAAAT
 TGTTTCTACTGAGCGTGCTTTAAAGCTTGTTTTCAGACAGTTTGTGCGAACATGAGAAGGCAAGAAC
 AAAGAGGGAGATGATAAGAAAGAGGGAGGTAAAGACAGAGCTCTGAAAGGGGTGTGCGAGTAGGCGTGC
 TGGCAAAAGGATTACTTCTCCGAGGAGACAGGAATGTCAACCTGTTTTGCTGTGCTCAGAAAAACCTTC
 AAAGTCGTTATTAAGCCGATTGTCAGAAAACCTACCCAAACAGCTTGCTGTTATAAGTCTGAGAAGTAT
 GACATAAAATGTCCGCTGTCTGAGGCAGCGATAATTTTGAAGTCTGTGTGGAGCCAAAATGCAAGTCA
 CTATCACCTGACATCTCCAATTATTGAGAAGAGAACATGAGGGAAGGAGATGTAACTCGGGTATGGT
 GAAAGACCCACCGGACGCTTGGACAGGCAAAAATGCCTTGACGCTCTGGCTGCTCTACGCCACGCTAAG
 TGGTTCAGGCTAGAGCTAATGGCTACAGTCGTGTGATTATCATACGTATTCTCCGAGACCTTTGTC
 AACGAGTTCACCGTGGTCTGATTTTCTAGCTGGGCTATGGAGTTACTGGTGGAGAAGGCAATTAGCAG
 TGCTTCTAGTCTCAAAGCCCTGGAGATGCCCTGAGAAGAGTATTTGAGTGCATTTCTTCAGGGATTATT
 CTCAAAGCAGCCCTGGACTTCTGGACCCTTGAAAAGGATCCCTTTGACACTTTGGCAACAATGACTG
 ACCAACAGCGTGAAGACATTACATCCAGTGCACAGTTTGATTGAGACTCCTTGCATTCCGTCAGATACA
 CAAAGTTCTGGGATGGATCCATTACCACAAATGAATCAGCGCTTAAACATCCACAACAACAGGAAACGA
 AGAAGGGATAGTATGGAGTGGATGGATTTGAAGCTGAGGGGAAGAAAGCAAAAAGGATTATGATAACT
 TTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_011767
- 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).
- 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_011767.2](#), [NP_035897.2](#)

RefSeq Size:	4612 bp
RefSeq ORF:	3225 bp
Locus ID:	22763
UniProt ID:	O88532
Cytogenetics:	15 A1
Gene Summary:	<p>Involved in postimplantation and gastrulation stages of development. Binds to DNA and RNA. Involved in the nucleocytoplasmic shuttling of STAU2 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>