

Product datasheet for **MC229308**

Znfx1 (NM_001291162) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Znfx1 (NM_001291162) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Znfx1
Synonyms:	Al481105; Astx3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229308 representing NM_001291162 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCAGTAATTTTCACCTTAGCGTCTGTCTGTGCCTTACTGGCTCAGACTCAGCGTGGCCAGAAAA
AGAAGATGAAGAGGAGAGTGAAGGTGGAGCTTCGCAAACCTGAATACCATGACCAAGGCCGAGGCCAATGG
GATCCAGGACGTCTGGCAGCTGGACCTGAGCTCCCGCTGGCAGCTCTATAGGCTGTGGCTGCAGATGTAC
CAAGCCGACACTCGCCGGAGGATCCTCAGCTATGAACGCCAGTACCGCACATGGGCAGAAAGAATGGCCG
AGCTGAGACTCCAGGAAGACCTTACATCCTCAAAGATGCCGAAGTTGTGGGCATGACAACCACAGGTGC
TGCCAAGTACCGCCAGATCCTTCAGCAAGTGGAGCCTCGGATCGTCATTGTAGAAGAGGCTGCTGAGGTC
CTTGAGGCCACACCATCGCCACACTAAGCAAAGCTTGCCAGCATCTTATTCTGATTGGGGACCACCAGC
AGCTGCGCCCCAGTGCTAATGTGTATGATCTGGCCAAGAACTTCAACCTTGAGGTGTCCCTGTTTGAACG
GCTGGTAAAAGTGAACATCCCTTTGTCCGTCTGAATTACCAGCACCGCATGCGCCCTGAAATCGCCCGC
CTTTTGACCCCCACATTTACCAGGATCTGGAGAACCATCCTTCTGTTCTCAAGTATGAGCAGATTAAGG
GTGTCTCCTCCAACCTTTCTTTGTGGAGCACAACCTTTCCTGAGCAGGAGATCCAAGAAGGCAAAAGTCA
CCAGAACCAGCATGAGGCACACTTTGTGGTGGAGCTGTGCCAGTACCTCCTGTGCCAGGAGTACCTGCC
TCCAGATCACCATCCTCACACCTACACTGGGCAGCTCTTCTGTTTGGCAAAACCTCATGCCTGTCAAGA
CGTTTGTGGCATCAAGGTCCATGTGGTGGACAAGTACCAAGGGGAAGAGAATGACATCATTCTCCTCTC
ACTGGTGGGAGCAACCAAGAGGGCAAGGTGGGCTTCTGCAGATCCCCAACCGCATCTGCGTAGCCTTG
TCCCGGGCAAGAAGGGGATGTACTGCATTGGGAACATGCAGATGCTTGCCAAGGTGCCCTTGTGGAGCA
GGATCATCCATACCCTTCGAGAGAACAACCAGATAGGCCCGTCCCTCCGCTCTGTTGCCAGAACCACC
TGAGACCCACACCCTTGATCCAAAGCTTCTGACTTCCAGAAAGTACCGGAAGGAGGCTGCAGCCGGCCC
TGTGAGTCCGGTTGGCCTGTGGTCATGTGTGCACACGTGCCTGCCATCCATATGACTCCTCCACAAGG
AGTTCAGTGCATGAAGCCATGCCAGAAAGTCTCTGCCAGGATGGGCACCGGTGCCAAATGTCTGCTT
CCAAGAGTGTGAGCCTTGTGAGGTGAAAGTGCCAAAATCATTCTGAAGTGTGGTCAAAAACAGATGGTC
CCTTGTCAATGTGAGAGTCAAGTTTTGTTGCCAGGAGCCTTGCTCCAAGATAAAGATGTGGTCAACA



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GATGCAGCCATCTCTGTGGTGGAGATTGTGTGCGGCTGTGTTTCAGAAAGGGTCACCGTGGAACCTAAATG
 TGGGCACAGTCAACTGGTTAAGTGTGGCAATGTGGAAGATATAAAATATGGTCTGCCAGTCAAGTGTACC
 ACCAAGTGTGACACTACTCTAGATTGCGGCCATCCCTGCCAGGCTCCTGTACAGCTGTTTTGAAGGGC
 GCTTCCATGAGCGCTGTCAACAGCCATGTAAGCGCCTGCTCATCTGCTCACACAAGTGCCAGGAGCCCTG
 CACTGGTGAAGTGGCCACCTGCCAGCGAACATGTGAGAACCCTGTGTCCACAGCCAGTGAAGAAGAAG
 TGTGGGAGCTGTGCAGCCCTGCGTGGAGCCCTGCGTCTGGCGCTGCCAGCACTACCAGTGCACCAAAC
 TCTGCTCAGAGCCCTGCAACCGCCCATGCTACGTGCCTTGTACCAAGCTGTGGCTTGTGGCCACCC
 TTGCATCGGTCTGTGTGGGGAGCCATGTCCCAAGAAGTGCCGTGTCTGCCAACAGATGAAGTCACCCAA
 ATCTTTTTTGGCTTTGAGGATGAGCCTGATGCCGCTTTGTGCAGCTAGAAGACTGCAGCCACATCTTTG
 AAGTGCAAGCCTTGGACCGCTTCAATGAATGAGCAGAAGGATGATGAAGTTGCCATCAAGTTGAAAGTCTG
 CCCCATCTGTCAGGTACCCATCCGCAAAAACCTGAGGTATGGAACCAGCATCAAACAGCGGCTGGAAGAG
 ATCGAGATTGTCAAGGAGAAGATCCAGGGCTCTGCAGGGGAGATTTCAACCAGCCAGGAACAACCTAAGG
 CCCTGCTGAAGAGCAAGACCCTTCCATCAGCTGCGTCTGAAGAATTCCTAATACTTCAAGAGAAGCT
 GGCCAGAAAAACCTGTCAGTGAAGGACCTGGCCTGGTGGAGAATTCTATCCGCTTCTATGACCACTTG
 GCCAACCTGGAGGGTCACTGGAGAAGGTGCATTTGTGGAGAACAGCAGAGCGTGAGGACTCGACTTGAGC
 AGGTCCACGAGTGGCTGGCCAAGAAGCGCTGAGCTTACGAGCCAGGAAGTGAAGTGCACCTCCAGAGTGA
 AATCCAGAGGCTCACCTATTTGGTGAACCTCCTGATGCGCTGCAAGATGGCCGAGAAGGTGAAAGGCAGC
 ATAGCAGAAGAGGTCTCCAGCATCCGGAACATTCTTAAAAGACAAGTAAGTTCAACCAGGAAGATGAAC
 AGCTTGTGCAGAAAAAGATGGATGCTCTGAAAACCACCTTCCCTGCTCTGGCTTGGGCATCTCAGATGA
 GGAACGAGTGCAGATTGTCACTGCCATGGGTGTTCTCGTGGGCATTGGTTCAAGTGCCCAATGGCCAC
 ATCTATGTAATTACTGAGTGTGGGGCGCCATGCAAAGGAGTACCTGTCCGAGTGTGAGGAGGTGATCG
 GTGGGGAGAATCACACTTAGAGAGGAGCAACCACCTGGCCTCTGAGATGGATGGAGCCAGCACCCTGC
 CTGGTTCGAACACAGCCAACAACCTCATGAACCTTGAGGAGATCCACAGGATGATG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001291162
- Insert Size:** 3138 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:**
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_001291162.1](#), [NP_001278091.1](#)

RefSeq Size: 4168 bp
RefSeq ORF: 3138 bp
Locus ID: 98999
Cytogenetics: 2 H3