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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:	AI481105; Astx3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC229308 representing NM_001291162
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCAGTAATTTTCACCTTAGCGTCTGTCTGTGCCTTACTGGCTCAGACTCAGCGTGGCCAGAAAA
AGAAGATGAAGAGGAGAGTGAAGGTGGAGCTTCGCAAACTGAATACCATGACCAAGGCCGAGGCCAATGG
GATCCAGGACGTCTGGCAGCTGGACCTGAGCTCCCGCTGGCAGCTCTATAGGCTGTGGCTGCAGATGTAC
CAAGCCGACACTCGCCGGAGGATCCTCAGCTATGAACGCCAGTACCGCACATGGGCAGAAAGAATGGCCG
AGCTGAGACTCCAGGAAGACCTTCACATCCTCAAAGATGCCGAAGTTGTGGGCATGACAACCACAGGTGC
TGCCAAGTACCGCCAGATCCTTCAGCAAGTGGAGCCTCGGATCGTCATTGTAGAAGAGGCTGCTGAGGTC
CTTGAGGCCCACACCATCGCCACACTAAGCAAAGCTTGCCAGCATCTTATTCTGATTGGGGACCACCAGC
AGCTGCGCCCCAGTGCTAATGTGTATGATCTGGCCAAGAACTTCAACCTTGAGGTGTCCCTGTTTGAACG
GCTGGTAAAAGTGAACATCCCCTTTGTCCGTCTGAATTACCAGCACCGCATGCGCCCTGAAATCGCCCGC
CTTTTGACCCCCCACATTTACCAGGATCTGGAGAACCATCCTTCTGTTCTCAAGTATGAGCAGATTAAGG
GTGTCTCCTCCAACCTTTTCTTTGTGGAGCACAACTTTCCTGAGCAGGAGATCCAAGAAGGCAAAAGTCA
CCAGAACCAGCATGAGGCACACTTTGTGGTGGAGCTGTGCCAGTACCTCCTGTGCCAGGAGTACCTGCCC
TCCCAGATCACCATCCTCACCACCTACACTGGGCAGCTCTTCTGTTTGCGCAAACTCATGCCTGTCAAGA
CGTTTGCTGGCATCAAGGTCCATGTGGTGGACAAGTACCAAGGGGAAGAGAATGACATCATTCTCCTCTC
ACTGGTGCGGAGCAACCAAGAGGGCAAGGTGGGCTTCCTGCAGATCCCCAACCGCATCTGCGTAGCCTTG
TCCCGGGCCAAGAAGGGGATGTACTGCATTGGGAACATGCAGATGCTTGCCAAGGTGCCCTTGTGGAGCA
GGATCATCCATACCCTTCGAGAGAACAACCAGATAGGCCCGTCCCTCCGCCTCTGTTGCCAGAACCACCC
TGAGACCCACACCCTTGTATCCAAAGCTTCTGACTTCCAGAAAGTACCGGAAGGAGGCTGCAGCCGGCCC
TGTGAGTTCCGGTTGGCCTGTGGTCATGTGTGCACACGTGCCTGCCATCCATATGACTCCTCCCACAAGG
AGTTCCAGTGCATGAAGCCATGCCAGAAAGTCCTCTGCCAGGATGGGCACCGGTGCCCAAATGTCTGCTT
CCAAGAGTGTCAGCCTTGTCAGGTGAAAGTGCCCAAAATCATTCTGAAGTGTGGTCACAAACAGATGGTC
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CCTTGTTCAATGTCAGAGTCAGAGTTTTGTTGCCAGGAGCCTTGCTCCAAGATACTAAGATGTGGTCACA
GATGCAGCCATCTCTGTGGTGAGGATTGTGTGCGGCTGTGTTCAGAAAGGGTCACCGTGGAACTTAAATG
TGGGCACAGTCAACTGGTTAAGTGTGGCAATGTGGAAGATATAAAATATGGTCTGCCAGTCAAGTGTACC
ACCAAGTGTGACACTACTCTAGATTGCGGCCATCCCTGCCCAGGCTCCTGTCACAGCTGTTTTGAAGGGC
GCTTCCATGAGCGCTGTCAACAGCCATGTAAGCGCCTGCTCATCTGCTCACACAAGTGCCAGGAGCCCTG
CACTGGTGAGTGCCCACCCTGCCAGCGAACATGTCAGAACCGCTGTGTCCACAGCCAGTGCAAGAAGAAG
TGTGGGGAGCTGTGCAGCCCCTGCGTGGAGCCCTGCGTCTGGCGCTGCCAGCACTACCAGTGCACCAAAC
TCTGCTCAGAGCCCTGCAACCGGCCCCCATGCTACGTGCCTTGTACCAAGCTGCTGGCTTGTGGCCACCC
TTGCATCGGTCTGTGTGGGGAGCCATGTCCCAAGAAGTGCCGTGTCTGCCAACCAGATGAAGTCACCCAA
ATCTTTTTTGGCTTTGAGGATGAGCCTGATGCCCGCTTTGTGCAGCTAGAAGACTGCAGCCACATCTTTG
AAGTGCAAGCCTTGGACCGCTTCATGAATGAGCAGAAGGATGATGAAGTTGCCATCAAGTTGAAAGTCTG
CCCCATCTGTCAGGTACCCATCCGCAAAAACCTGAGGTATGGAACCAGCATCAAACAGCGGCTGGAAGAG
ATCGAGATTGTCAAGGAGAAGATCCAGGGCTCTGCAGGGGAGATTTCAACCAGCCAGGAACAACTTAAGG
CCCTGCTGAAGAGCAAGACCCTCTTCCATCAGCTGCGTCCTGAAGAATTCCTAATACTTCAAGAGAAGCT
GGCCCAGAAAAACCTGTCAGTGAAGGACCTGGGCCTGGTGGAGAATTCTATCCGCTTCTATGACCACTTG
GCCAACCTGGAGGGGTCACTGGAGAAGGTGCATTGTGGAGAACAGCAGAGCGTGAGGACTCGACTTGAGC
AGGTCCACGAGTGGCTGGCCAAGAAGCGCCTGAGCTTCAGCAGCCAGGAACTGAGTGACCTCCAGAGTGA
AATCCAGAGGCTCACCTATTTGGTGAACCTCCTGATGCGCTGCAAGATGGCCGAGAAGGTGAAAGGCAGC
ATAGCAGAAGAGGTCTCCAGCATCCGGAACATTCTTGAAAAGACAAGTAAGTTCACCCAGGAAGATGAAC
AGCTTGTGCAGAAAAAGATGGATGCTCTGAAAACCACCCTTCCCTGCTCTGGCTTGGGCATCTCAGATGA
GGAACGAGTGCAGATTGTCACTGCCATGGGTGTTCCTCGTGGGCATTGGTTCAAGTGCCCCAATGGCCAC
ATCTATGTAATTACTGAGTGTGGGGGCGCCATGCAAAGGAGTACCTGTCCCGAGTGTCAGGAGGTGATCG
GTGGGGAGAATCACACTCTAGAGAGGAGCAACCACCTGGCCTCTGAGATGGATGGAGCCCAGCACCCTGC
CTGGTCGAACACAGCCAACAACTTCATGAACTTTGAGGAGATCCACAGGATGATGTAG

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.

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RefSeq:	NM_001291162.1, NP_001278091.1
RefSeq Size:	4168 bp
RefSeq ORF:	3138 bp
Locus ID:	98999
Cytogenetics:	2 H3

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