

Product datasheet for **MC221491**

Zfy2 (NM_009571) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfy2 (NM_009571) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfy2
Synonyms:	Zfy-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221491 representing NM_009571
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATGAAGATGAAATTGAATTGACCCAGAAGAAGAAAAGTCGTTATTTGATGGAATAGGAGCTGATG
 CAGTACACATGGATAGTGACCAGATTTCTGTAGAAGTACAAGAACTGTTTTTTTATCTAATTCAGATGT
 AACTGTGCACAATTTTGTCTGATGATCCAGACTCAGTTATAATTCAAGATGTTATTGAAAATGTTCTT
 ATTGAAGATGTTCACTGTTACATATTTTGAAGAAAACAGATATATCTGACAATGTCATTATTCCTGAGC
 AAGTTCTCGATTTAGATACAGCTGAAGAAGTGTCTTTAGCACAGTTCTTAATTCAGACATTTTAACTTC
 CAGTATTACATCAACCTCATTGACTATGCCTGAACATGTCTTGATGAGTGAAGCTATACATGTGTCTAAT
 GTAGGACATTTTGAACAAGTGATTCATGATAGCCTAGTAGAAAGAGAAAATCATCACTGATCCTTTGACAG
 CCGACATTTCAGATATACTGGTAGCAGATTGGGCTTCTGAAGCAGTCTTAGATTCCAGTGGGATGCCTCT
 GGAGCAGCAAGATGATGCCAGAATCAACTGTGAGGATTATCTAATGATGTCTTTGGATGAGCCTAGCAAA
 ACAGATCATGAAGTTCCCTCTGAAGTTACCATGAATGCAGAGTCAGAAACTGATTCTTCTAAATTGGATG
 AAGCATCTCCAGAAGTTATCAAGGTGTGCATTCTTAAAGCTGACTCAGAAGTGGATGATGTAGGAGAAAAC
 TATACAAGCAGTAGAGAGTGAGACCCGACAATGGCAATGAAGCTGAAGTCACTGATCAGAGGACTAGCATT
 CATGTTCCAGAGTCAACATTTATATGTTAGCCAGTATTCTCAAAGGAAGAAGAAGATACTAAAGTAA
 TTGTAGGAGATGAAGATGCTGGTGGCACAGCTGCAGATACTCCTGAGCATGAGCAACAGATGGATGTCAG
 TGAAAATAAAGCAGCTTTCCTACCTATTGCATGGACAGCAGCTTATGATAATAATTCTGATGAAATTGAA
 GTGCAGAATGCCACTGCCAGTGCATGTTACACCATGATGAATCTGGTGGCCTTGACAGATACCAAAAC
 AAAAAACAAAAAGAAAAAAGACCTGAATCCAACAGTACCAGTCAGCAATATTTGTTGCTCCTGATGG
 ACAAACTTTACGTGTCTATCCTTGCATGTTTTGTGGGAAAAAATTTAAGACCAAAAAGGTTTTTGAAGA
 CACATAAAAAACCATCCTGAATACCTTGCTAATAAAAAATATCACTGTACTGAGTGTGATTACAGTACCA
 ACAAGAAGATAAGCTTACATAATCACATGGAGAGCCACAAGCTAACCATTAAGACAGAAAAGACCACCGA
 ATGTGATGACTGTAGGAAGAATCTTCTCATGCTGGGACAATGCATACAGAAAAAGGAGTCAACAAAAACA
 TGTAAGTGAAGTTCTGTGACTATGAAACAGCTGAACAGACATTATTGAATCACCCACCTTTTGGTGGTCC
 ACAGGAAGAAATTTCTCACATTTGTGGAGAATGTGTAAGGTTTCCGTCACCCATCAGCACTCAAAAA
 GCACATACGAGTTCACACAGGAGAGAAGCCCTATGAATGTCAGTATTGTGAGTACAAGTCTGCAGACTCT
 TCCAACCTGAAAACCTCATATAAAATCTAAGCATAGTAAAGAGATACCACTGAAGTGTGGCATCTGTCTCC
 TGACTTTCTCAGATACCAAGAGGCTCAGCAACATGCCGTTCTGCACCAAGAAAGCAGAACATCAATG
 TTCACATTTGCAACCATAAGAGTTCAAACCTCAAGTGATTTAAAGCGACACATAATTTCCGTTACACAAAAG
 GCGTATCCTCATAAATGTGACATGTGCAGCAAAGGATTTTCATAGGCCCTTCAGAACTCAAGAAGCATGTGG
 CTACCCATAAAAGTAAAAAATGCACCAATGTAGACACTGTGACTTTAAGAGTCCAGATCCATTTCTGCT
 TAGTCACCATATTCTCTCAGCTCACAAAAAAGATGTTCCATTCAAGTGTAAAGAGATGTAAGAAAGGAAATTT
 CAACAACAGTGTGAGCTTCAAACGCATATGAAGACCCACAGTAGCCGAAAAGTCTATCAGTGTGAGTACT
 GTGAATATAGCACCAAGATGCCTCAGGTTTTAAGCGCCATGTTATCTCCATTATACGAAAAGACTATCC
 TCACCGCTGTGACTTCTGCAAGAAAGGATTCGGAGACCTCGGAAAAGAATCAACACATAATGCGACAT
 CATAAAGAAGTTGGCCTGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_009571
Insert Size: 2334 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:	<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:	NM_009571.2 , NP_033597.2
RefSeq Size:	2816 bp
RefSeq ORF:	2334 bp
Locus ID:	22768
UniProt ID:	P20662
Cytogenetics:	Y A1
Gene Summary:	Probable transcriptional activator. Binds to the consensus sequence 5'-AGGCCY-3' (By similarity).[UniProtKB/Swiss-Prot Function]