

Product datasheet for **MC217768**

Zyx (BC054775) Mouse Untagged Clone

Product data:

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|--------------------|-------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Zyx (BC054775) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zyx |
| Synonyms: | 9530098H06Rik; R75157 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >BC054775
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCCGCCCGCCCTCCCGCATCTCCGTCTCCGTCTCGGCCCGCGTTTTACGCCCGCAGA
 AGAAGTTCGCCCCGGTTGTGCCCCAAAGCCCAAAGTGAATCCTTCCGGCCTGGGGACAGCGAGCCTCC
 TGTAGCAGCCGGGGCCAAAGAGCGCAGATGGGTGGGTGGGCGAGATCCACCACCACCCCGGAAGAC
 TTTCTTTGCCCCCTCTCCCTTATTGGGGAGGGCGACGACTCAGAGGGTGCCTGGGAGGTGCCTTCC
 CACCTCCACCTCCCCGATGATCGAGGAACCATCCCCCTGCTCCTCTGGAGGAGGACATTTCCCTC
 CCCTCCACCTCCACTGGAGGAGGAGGGAGGCCCTGAGGCCCTACCCAGCTCCACCCGAGGTATCATCC
 GGATATGTACCCACCAGTTGCCACTCCATTTGTTCCAAGCCTAGTACCAAACCTGCCCTGGGGCA
 CAGCACCTTGCCTCCTTGAAGACCCCTTCTAGCTCCAGCCACCACCTCAGCCGAGGCCAAGCCTCA
 GGTCCAGCTCCATGTCCAGCCTCAGGCCAAGCCCATGTCCAACCCAGCCTGTGTCTTCTGCTAATACA
 CAGCCCCGGGGTCCCCTTCTCAGGCACCAACTCCAGCACCTAAGTTTGCTCCAGTGGCTCCTAAATTTA
 CTCCCCTGGTTTCCAAGTTCAGCCCTGGTGTCTCAAGTGGACCTGGGCCACAGCCCAATCAAAAAATGGT
 GCCTCCGGATGCTCCTTCTTGTGAGCACAGGCTCCCCTCAGCCCCCTAGCTTACCTATGCTCAGCAG
 AAGGAGAAGCCCCAGTTCAAGAGAAGCAGCACCCACAGCCTCCACCAGCTCAAAACCAAAACCAGGTAC
 GCTCTCCTGGAGGCCAGGCCCTTGACCCTGAAGGAGGTAGAGGAGTTGGAGCAGCTGACCCAGCAGCT
 GATGCAGGACATGGAACACCCCTCAGAGGCAGAGCGTGGCAGTGAATGAGTCTGTGGCAATGCAATCAG
 CCACTGGCCCGTGACAGCCTGCGGTTTCGTGACTGGGACAAGTGTCCACATCACCTGCTTCACTTGC
 ATCAGTGTGACGACAGCTGACAGGACAGCAGTCTATAGCCTGGAGGGAGCACCATATTGTGAGGGCTG
 CTACACCGACACTTTGGAGAAGTGCAACACCTGTGGGCAGCCCATCACTGACCGCATGCTGAGGGCCACT
 GGCAAAGCCTACCACCCACAGTCTTCACTGTGTGGTCTGCGCCTGTCCCTGGAGGGCACCTCCTTCA
 TTGTGGACCAGGCCAATCAGCCCCACTGTGTCCCTGACTATCACAAGCAATACGCTCCAAGGTGCTCCGT
 CTGCTCGGAGCCAATCATGCCTGAGCCTGGCCGAGACGAGACTGTGCGAGTAGTGGCGCTGGATAAGAAC
 TTTCATATGAAGTGTACAAGTGTGAGGACTGTGGAAACCTCTGTCCATTGAGGCAGATGACAACGGCT
 GTTTCCTCTGGATGGCCAGTCTTTGTGCGAAGTGCCACTCCGCTAGAGCCCAGACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC054775

Insert Size: 1602 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: [BC054775](#), [AAH54775](#)

RefSeq Size: 2323 bp

RefSeq ORF: 1601 bp

Locus ID: 22793

Cytogenetics: 6 B2.1

Gene Summary: Adhesion plaque protein. Binds alpha-actinin and the CRP protein. Important for targeting TES and ENA/VASP family members to focal adhesions and for the formation of actin-rich structures. May be a component of a signal transduction pathway that mediates adhesion-stimulated changes in gene expression (By similarity).[UniProtKB/Swiss-Prot Function]