

Product datasheet for **MC222558**

Zfyve28 (NM_001015039) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfyve28 (NM_001015039) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfyve28
Synonyms:	9630058O20Rik; Gm146; mKIAA1643
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222558 representing NM_001015039
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGAACAGATTCCGAAAGTGGCTGTACAAACCAAGAGGTCAGACCCACAACCTGCTGGCCAGTTCT
 ACTATGCTGATGAGGAGCTGAACCAGGTGGCTGCAGAGCTGGACAGCCTGGATGGCGGAAGGAGCCCCA
 GAGGTGCACACTGCTTGTGAGCCAGTCCGCTCCTGTGAGGACAATGTATTAACATCATTAATCAGATC
 ATGGAGGAGTGTATCCCTCAGGACCGTGCCTCGGGATTTCTGCGTCAAGTTTCCAGAGGAGATCCGGC
 ATGACAACTTGGCTGGCCAGCTGTGTTTCGGGGCTGAGTGCCTGGCAGCTGGCTCCATCATGAATCG
 GGAGCTGGAGAGCATGGCCATGCGGCCACTGGCCAAGGAGCTGACACGCAGCCTGGAGGAGCTGCGGGC
 ACTCTCCGTGACCAGGCACTCCGAGACCTCAACACTTACACAGAGAAGATGCGGGAGGCACTGAGGCGCT
 TTGATGTCCTGTTTGTGAGTTGAACTGAGCTATGTCTCAGCCATGGTCCAGTGAAGTCCCCAGGGA
 GTACTATGTGACAGGAGGTCATCGTGTCTTCTGTGAGACAGTGGAGAGAGCCTTGGATTTTGGGTAT
 CTGACCCAGGACATGATCGACGACTACGAACCCGCCCTCATGTTACCATTCTCGGCTGGCCATTGTGT
 GTGGCCTTGTGGTCTATGCAGATGGACCCCTGAACTTGGACCGGAAGGTGGAGGACATGTCTGAGCTGTT
 CCGGCCCTTCCACACGTTGCTGCGGAAAATAAGGGATCTGCTGCAGGCGCTGACGGAGGAGGAGCTGCAC
 AACTGGAGCGGAGCCTCTGTGTTTCTCAGGATGTGGAGCTCCCATCCGGGCAGACACCCAGGCACCCA
 GTGCCCTGGCACCCACCTTTTCTGCATCTTCTCCCGAGGAGACACTTTCAGCCAGTGCACAAACCC
 AGAGGCAGAACTGGCCTGCTCAATGCAGTATGATGATCAGGAGTTGGAGGAACTCAGCCGATGGTCCAC
 AGGGCTGGGATGAGATGCTTCTCTGCTTCCACCCAGTGCCTGCCAGTCCCGGCACATAGGCCAG
 GCTCAGAGGCTAGCCCTCGAGGGGAGCCCTCCAGCCAGAGCCCGCTGAAATCAGGATGAGGAGGAA
 GGAAAGGTGTTCTTTCATGGATGATGTGGAGTGACAGAGTCTCCTGCCAGGCCTGAATCCCCAGGGAAC
 ACATTTGAGTTGACGCAGGGTAATGCCAGCAGAGAGGACAAGATGGCCAGAGTGGAGAGGTGGGGTCTG
 AGGCACCTGCCCTGGTAAAGGAGGAAGACTGGAGCAACAATAATGTTGAGGGTGACAAGATAAAGCTGGC
 CAGCCTCATGGGCTCCACTTCTGCAGCTGCCTAGACTCACAGCTCTACCTGGACGGCTGGGAGGTGAGT
 GCAGAGGATGCTGAGACTGCAGAGATGATTGCACACCGGACCGGGGAATGAACTGTGACCCACAGTCA
 TCTTCAACCCCAAGTCTCCACTTCCAGGACTCAGCTGTGCCAGCCCAAGAAGCCCGGCCATGGTAC
 TTCCCCTTTGGAGCCAGGGCAGAGGGGACAGGGGACAATTCACACAACTCAGCACTACAGCCACCAAC
 TGCTCCTCCATTCTGTGTGTGTGTGGGAGCTGTGGGACAGCAGGGACGATGCTGTAGAGCGCCTGC
 GGGAGAAGTGTGGCCAGGAAGTGCATCAGTGCCTCTAACCTTCTGTAAAGCTTAGCCAAGGGTGGTGA
 CAAAGAGCCCGAGAGAATAGATGAGGCCAGCCTTCTGATGTCACCTGCCTGCAGAAGATGCCTCCAAC
 AGGCAGGAGCCCAAGGCCCTGTTCCAGCAAGTGCCTGGCACACACTCAGGGCCTCAGGTGGACACAG
 CGAGCAGGTTGCAAGGAGAGGGTGGAGTCAAAGGCCAGCCAGAGCCAGAGGCCAGAAAGCAGGACCTGA
 GAAGTCCCCTGTGGTCAAGGGGACAGTCCAAGAGGGGATGTGGCCAGACAGAACACCAGCACCTGTTG
 GGCTCCAGCTCCACGGTTGGTTCCTGCTCCTTAGACAACACCAGGTTGGATGTGGCCACTGCTGCCATGC
 CTGTCAACCCCATGGCCACCAGAGAGAAGATCCGGTCCAGGTTCCATGGCAGCCATGACCTGATCCACCG
 CCTGTTTGTCTGCATTTCAAGTGTAGCAGACACTACAGACGAATATGCTAGCGACTGAGAAGTATT
 CTCAAAACACTGTTTGGAGTCAAGGCAAGCCAGAAACAGATGACAAAGAGAAGCTAAAGAAGGTAA
 CTCAGACCCTGGGAGTGCAGCCTTGGAGGACTGTGACTGTGCCAGGAGACTGTGTCATCCTCAGAACT
 GGCAGCCAAAGACCCGAGATGGGGACTTTGAAGACCCTCCTGAGTGGGTGCCAGATGAGGCCTGTGGCTT
 TGCACCTCCTGTAAGCTCCCTTACCCTCATCCGCAGGAAGCACCCTGTGCGAGCTGTGGTAAGATCT
 TCTGTTCCCGTCTCATCCACTCGGCGCGCTTCCGCGCTACGGACAGGTGAAGCCCGTCCGTGTGTG
 TACACACTGCTACATGTTCCACGTCACACCCTTACAGTGACAAGACGGGCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001015039

Insert Size:	2718 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:	<u>NM_001015039.1</u> , <u>NP_001015039.1</u>
RefSeq Size:	3980 bp
RefSeq ORF:	2718 bp
Locus ID:	231125
UniProt ID:	<u>Q6ZPK7</u>
Cytogenetics:	5 B2
Gene Summary:	Negative regulator of epidermal growth factor receptor (EGFR) signaling. Acts by promoting EGFR degradation in endosomes when not monoubiquitinated (By similarity). [UniProtKB/Swiss-Prot Function]