

Product datasheet for **MC221166**

Fgd3 (NM_015759) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgd3 (NM_015759) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fgd3
Synonyms:	5830461L01Rik; ZFYVE5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221166 representing NM_015759
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAATTGGGTAGGAGCCCTCGACACCCCAAGAAGAAGCCATTCCCCTCTTGGAGTACTTGGCACTG
 GGCCAGCAGCTCCCCTAGGGAAGCTTCAAGCCCTCCCATCGGTCCAGGTGCCACCGAGGGGCTCA
 TAGCAGCTCAGCCCCAGCAGGGGACAGCTCCACGCGGGAGCCAAGTGGTGCCATGAAGATCCCCAACAGA
 GACAGTGGAAATTGACAGCCCATCTCCAGTGTGGCCAGTGAGAACTTCCCCTGTGAGGAGAGCAGTGAGG
 GCTCTCCAAGCCCTGCCATCCTGGGGCTACCCTCTGAGACGGCTTCGGACAGCCGGTCCCACAGGACAA
 CCCCCAGGAGGAAGAAGATAGTGGCATGGGTGAGGAGCCTGACCCCAAGGTCACCCTGTTTAGGCCCTCAG
 GAGGATGTCAGCTTGACTCAGTGTCTGACCCACAGAAGCTGTTTCATATTGCCAGGAGCTCTGCACA
 CGGAGGAAGCCTACGTGAAGCGGCTGCACCTGCTGGACCAGGTTTTCTGTACTAAGTGACAGAAGCAGG
 GATCCCTCTGGAAGTACCACCGGCATCTTCTCGAACATCTTCCATCTACCGTTTCCATGGGCAGTTC
 CTCTGCCGAGCTGCAGAAGAGGATCACAGAGGAGTGGGATACAAACCCCTCGCCTCGGAGACATCTGTC
 AGAAACTGGCTCCATTCTGAAGATGTATGGCGAGTACGTCAAGAAGTTCGACAGAGCGATGGGGCTGGT
 GAGCACTTGGACCCAGCGTTCTCCGAGTTAAGGATGTCATCCACACCATCCAGAAGCAGGAGGTGTGT
 GGGAACTTGACACTGCAGCATCATATGCTGGAGCCTGTGCAGAGGGTCCCCCGCTATGAGCTGCTGCTCA
 AGGACTACCTAAAGAGGCTCCCCAGGATGCCCGACCCGAAGGATGCAGAGAGGTCCCTGGAGCTCAT
 CTCCACAGCTGCTGACCACTCCAATGCTGCCATTAGGAAGATGGAGAAAATGCACAAGCTTTAGAGGTG
 TATGAGCAGCTGGGTGGGAAGAGGACATCGTTAACCCAGCCAATGAGCTGATCAAGGAGGGCAGCATCC
 AGAAGTTATCAGCCAAGAATGGCACCACTCAGGACCGACACCTTCTCTGTTCAACAATGTGATGCTCTA
 CTGTGTACCCAAACTGAGGCTCATGGGCCAGAAGCTAAGTGTACGGGAAAAAATGGACATCTCTGATCTC
 CAGGTACAAGATATTGTGAAACCAACGACGCTGCACGTTTCATATAACAGGAAGAAAAAGGTCCTGG
 AGCTTCAGACTCGGACAGAAGAAGAGAAGAAAGATGGATTAGGTCATTAGGCCACTGTGGAGAAGCA
 CAAACAGAAGAGTGAGACCTTCAGGGCCTTTGGCGGTGCCTGTAGCCAGGATGAGGAGCCACCCTGTCT
 CCAGACCAGCCCGTCATGAGTACCAGCTCTGTGGAACCTGCAGGGGTAGCTGACAGCAATGGGGTACTC
 CCGGGATCGAGTCCAGAAAGTCGCTCTAAAACAAGACGCGACAAGAGAAGCCCGGTGTAAGAGCTG
 TGGTGAGACCTTCAACTCCATCACTAAGAGGAGGTATCGCTGCAAGCTGTGTGGAGAGGTATCTGTAGG
 AAGTGCTCAGAGTTCAAGGCAGAGAACAGTAAGCAGAGCCGCTCTGCCAGAGTGTTCCTGGAAGAGC
 CCCTGGTCCCTCAAGCCCCAGCTCTGAGACTCCCACTGAGCTCAACAGAATGCAGAGAAGCCTCCCTC
 TGTAGATCCTCGGCCAGCCTGCTCTGCGGTACCTGAATCTGTGACAGCATGGTACGACCTGGAATGAA
 GTGTGGGCAGCCATCCCTGAATCAGATCCTCAGGTGCTAGACCTGCTGGCAGGCAGCCAGGCTGGCAGAC
 TGCTGTATAGCATCCCACTCTCTGGCTGTAATATAACGATGCCTGACCCTGAGGAGGGGCTGGAGGCAGG
 ATGTGCCTGGAAGCTACATCAGGGCTCACAGACCTGGTGGCTGAGCGCCCCCTCCACAAAGCTGCAGCAA
 TGCTGGCTGAAAGCCCTGGGCACTGCCGTACATGGGGACACAGCCGGGGACAGACCAGGGGCTCCACAGC
 CCCAGGCCCCAGCAGGCACGGACACTCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_015759

Insert Size: 2202 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_015759.2</u> , <u>NP_056574.2</u>
RefSeq Size:	3110 bp
RefSeq ORF:	2202 bp
Locus ID:	30938
Cytogenetics:	13 25.18 cM