

Product datasheet for **RN207722**

Fgd3 (NM_001108409) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgd3 (NM_001108409) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgd3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207722 representing NM_001108409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATTGGGTAGGAGCTCCCCAACCCCAAGAAGAAGCCATTCCCCTCTTGGGGTACCTGATGCTG
 GACTCAGAAGCTCCCCTAGGGAAAGCTTCAAGCACTTCCCTTCGGGTACAGGAGCTCCCCAAGGGGCTCA
 GGGCAGCTCAGCCTCAGCAGGGGACAGCTCCTTGGGGGAGCCAAGTGGAGCCATGAAGATCCCCAACAGA
 GACAGTGGAAATTGAAAGCCATCCTCCAGTGTGGCCAGTGAGAACTTCCCCTGTGAAGAGGGCAGTGAGG
 GGTCTCCAAGCCCTGCCATCCTAGGGCTACACCCTGAGGTAGCTGTGGACAGCCGGGCCCCGAGGACAA
 CCCCCAGGAGGAGAAGACAGTGGTGTGGGCGAGGACCCTGACCCCAAGATCACCCCGTGTAGGCCCTGAG
 GAGGATGTCGGCTCGACTCAGTGTCTGACCCACAGAAGCTGCTTACATTGCCAGGAGCTCTGCACA
 CGGAAGAAGCCTACGTGAAGCGGCTGCACCTGCTGGACCAGGTTTTCTGTGCAAGCTGACAGAAGCAGG
 GATCCCTCCGGAAGTACCACGGGCATCTTCTAACATCTCTTCTATCTACCGCTTCCACGGGCAGTTC
 CTCTGCCTGGACTGAAGAAGAGGATCACAGAGGAGTGGGATACAAAGCCTCGTCTCGGAGACATCCTGC
 AGAAACTGGCTCCGTTCCCTGAAGATGTATGGCGAGTACGTCAAGAAGTTCGACAGAGCAATGGGGCTAGT
 GAGCACGTGGACCCAGCGTTCTCCGAGTTAAGGACGTCATCCACACCATCCAGAAGCAGGAGGTGTGC
 GGGAACTTGACCTGCAGCATCATATGCTGGAGCCTGTGCAGAGGGTCCCCCGCTATGAGCTGCTGCTCA
 AGGACTACTTAAAGCGGCTCCCCAGGGATGCCCGGACCAGGAGGATGCTGAGAGGTCTTTGGAAGTCA
 CTCTATAGCTGCTGACCACTCCAATGCTGCCATTAGGAAGATGGAGAAAATGCACAAGCTTTAGAGGTG
 TATGAGCAGCTGGGTGGGAGGAGGACATCGTTAACCCAGCCAATGAGCTGATCAAGGAGGGCAACATCC
 AGAAGTTATCAGCCAAGAATGGCACCCTCAGGACCACACCTTCTTGTCAACAATGTGATGCTCTA
 CTGCGTACCCAACTAAGGCTCATGGGCCAGAAGTTCAGTGTACGGGAGAAAATGGACATCTCTGATCTC
 CAGGTGCAAGATGTCGTGAAACCAATGCTGCCCGCACATTCATCATAACAGGACGAAAAAGGTCCTGG
 AGCTTCAGACTCGGACCGAAGAAGAGAAGAAAAGTGGATTGAGTCCAGTCCAGAAAGCTGTCCTCTAA
 AACAGACGCGACAAAGAGAAGCCGGATGTAAGGCTGTGGTGGAGACCTTCAACTCCATCACCAGAGA
 AGGTATCGCTGCAAGCTGTGTGGAGAGTCTGTAGGAAGTCTGAGTTCAAGGGGAGAACAGTA
 AGCAGAGCCGTGCTGCAGAGAGTGTTCCTGGAGGAGCCCTGCTCCCTACAAGTCTAGCTCTGAGAC
 TCCCACCGAGCTCAAACAGAATGCAGAGAAGCCTCCCTCTGTGGATCCTCGGCCAGCCTGCTCTCGGT
 ACCCTGAATCTGTGAGACAATGGTACGGCTGGAGTGGGTGTGGCAGCCATCCCTGAGTCAGATCCCC
 AGGTGCTAGACCTGCTGGCAGGCAGCCAGGCTGGCAAAGTGTGTATAGCATCCCACTCTCTGGCTGTA
 TATAACAGTGCCTGACCCCGAGGAGGGGCTGGAGGCTGGGTATGTGTGGAAGCTGCATCAGGGCTCACAG
 ACCTGGTGGCTGAGTGCCCCCTCCAAAAGCTTACAGCAGCGCTGGCTGGAAGCTCTGAGCACTGCCTCAC
 GCGGGGACACAGCCGGGACACCCAGGGGCTCACAGCCCAGACCCAGCAAGCACGGACACCCCATG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108409
- Insert Size:** 2031 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: [NM_001108409.1](#), [NP_001101879.1](#)

RefSeq Size: 2789 bp

RefSeq ORF: 2031 bp

Locus ID: 361223

Cytogenetics: 17p14