

Product datasheet for **RN207492**

Fgd1 (NM_001037546) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgd1 (NM_001037546) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207492 representing NM_001037546
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCCGGGTGCTTCTCCTCCTGAGCCATTCTCCGCCACCATCACGCCCTCTGCCTGCAGACCCTA
 GAGTGGCCAAGGGTCTTGCCCCAGAGCTGAGGCCAGCACTAGTTCTGCAGCAGTATCATATTGATCGA
 GAAGTTTGAAAGAGAGCCTGTGATTGTCGCTTCGGATAGGCCAGCCCCTGGCCCCTGCCAGTTCCCCCA
 GAGCCAGCCATGTTGCCACAGCCACCCCGCAGCCAACAGGGTCCCAGCTCCCTGAGGGTGAAGGCTTCTC
 GCTGCCTGTTCTGCTGGCTCCTGGGCCCGGGATGGTGAGAAGGTGCCTAACCGGGACAGCGGCATTGA
 CAGCATCAGCTCGCCATCCAACAGTGAAGAGACCTGCTTCGTGATGACGGGCCCCCAGCCACAGC
 CTCTGTCTGGGCCCTGCCCTGGCTAGTATGCCAGTGGCTTTGGCCGACCCCCACCGGCTGGCTCCC
 AGGAGGTTGACAGTGACCTGGAAGAGGAAGAGGAGGAGGAAGAAGAGGAGGAAAAGGAAAGAGAAAT
 TCCAGTCCCCCGATGGAGAGACAGGAGTCTGTGGAGCTGACCGTGCAGCAGAAGGTATTCCATATTGCC
 AATGAACTCCTGCAAACCTGAGAAGGCCTATGTTTCCAGGCTTCATCTCCTGGATCAGGTATTCTGTGCC
 GGCTGCTGGAAGAAGCTCGGAACCCGAGTTCCTTCCCTGCAGATGTTGTCCATGGCATCTTCTCTAACAT
 CTGCTCCATCTACTGCTTCCATCAGCAGTTCCTGCTGCCTGAGCTGGAGAAGCGCATGGAGGAATGGGAC
 CGCTACCCACGCATTGGTGACATCCTTCAGAAGTTGGCACCCCTCCTCAAGATGTATGGCAGTATGTGA
 AAAACTTTGACCGGGCTGTAGAGCTGGTCAACACATGGACAGAGCGTTCTACCCAGTTTAAAGTCATCAT
 CCATGAAGTACAGAAGGAGGAAGCCTGTGGCAACCTGACCCTGCAGCACCACATGCTGGAGCCCGTGCAG
 CGTATCCCCCGCTATGAGCTTCTTCTTAAGGACTATCTGTTAAAGCTGCCTCATGGCTCCCCGGACAGCA
 AGGATGCCCAGAAGTCTTTGGAGCTGATAGCCACAGCAGCAGAACAATGCTGCCATCCGTAAAT
 GGAACGAATGCACAAGCTGCTGAAGGTCTATGAGCTGCTAGGGGGTGAAGGAGCATTGTGAGTCCACC
 AAAGAGCTCATAAAAGAAGGTATATCCTTAAGCTGTGAGCAAAGAATGGGACCACTCAAGATCGATACC
 TCATATTATTCAACGACCGCCTTCTTTACTGCGTGCCAGGCTGCGGCTCCTTGGCCAGAAGTTAGCGT
 GCGGGCACGATTGATGTAGATGGCATGGAGCTAAAGGAAAGCTCCAACCTCAACATGCCTCGGACCTTC
 TTGGTGTGAGGAAAACAGCGCTCTTGAACCTCAGGCCAGGACTGAGGAGGAGAAGAAAGACTGGGTCC
 AGGCCATCAATTCTACCTCCTGAAGCATGAACAGACCCTGGAGACTTCAAACCTGTTGAACTCAACAAA
 CAGGGATGATGAAGATACTCCCCCTAACTCTCAAACGTGGATCTTGGGAAGAGGGCACCTACGCTATC
 CGGAAAAGGAAGTACCATGTGCATGCGCTGCCAGGAGCCCTCAATTCATCACCAAACGCAGGCACC
 ACTGCAAGGCCTGTGGCATGTGGTTTGTGGGAAATGCTCTGAGTTCGAGCAGCACTCATCTATGACAA
 CAATCGTTCCAACCGTGTGTGCACTGATTGCTATGTGGCCTTGCATGGAGCACCCGGGAGCAGTCCAGCC
 TGTAGCCAACATACCCCCAGCGCAGGAGGTCCATCCTAGAGAAAACAGGCCTCAGTGGCTGCTGAGAACA
 GCGTCACTGCAGCTTCTGCACTACATGGAGAAGGGTGGGAAAGGATGGCACAAGGCATGGTTTGTGGT
 TCCCGAGAATGAACCTTGGTGTGTACATCTATGGAGCCCTCAGGATGTGAAAGCCCAACGCAGCCTG
 CCCCTCATTGGCTTTGAGGTGGGCTCCTGAGGCAGGGGAGCGCCAGACAGGAGGCATGTCTTCAAGA
 TCAACCAGAGCCACCTAAGCTGGTACTTCAGCCAGAGACAGAAGAACTCCAGCGGCGCTGGATGGCTGT
 GCTTGGCAGGGCGGGCCGTGGGGACACATTCTGCCAGGGCCCACTGTCTGAGGACAAGGAGATGGAG
 GAGACAACAGTGGCAGCTTCAGGAGCCACTGCTGAACCTCCTGAAGCCTCCAGACCCGAGACAAGACCT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037546
Insert Size: 2382 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_001037546.1</u> , <u>NP_001032635.1</u>
RefSeq Size:	3289 bp
RefSeq ORF:	2382 bp
Locus ID:	363460
Cytogenetics:	Xq12