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Product datasheet for RN209254

Fgd6 (NM_001137645) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgd6 (NM_001137645) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgd6
Synonyms:	RGD1565609
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209254 representing NM_001137645 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGACTTCTGCCGTGGAGCTGAAGAAGCCACCATTGGCTCCCAAGCCTAAGTTAGTGGGGACCAATAATA AGTCACCGCCTCCTCCTATTGCCCCTAAACCGGACATTGGAAATGCTAGTGTTCCACGGTTGACGAAGAC CAAACCGGCAATTGCTCCAAAACCGAAAGTCCTGACAAACTCAGATGTTCAAGACGTCAAGGATCAACCC TCAAAGAAGCTCACTTTGAACCTGGAGGAGCGGGAGCCAGAATTACCCGAGAGCACTGGCAAGTTTAATT GCAAAGATGTCGGGGATGCACACGGTGATTATATTTTCCCAACATGTTCTTGCAGTTCTGGGTGTACTCA TGAGCCTAGGACTCGCGAAAATCTGTGTGCAGAGCAGCTTGTTTTAGAGCCTCTGGGAATGAAAGAACAT TTAGAGAATGGTAAAAATGGTGAGTCCTCAAAGAGGGGGAGCAGATGGAATTCAAGCCGTGAAAAGTGCC GGAGCCAAAGTGGAGTTGTTTTAAAGGCAAGCATCTTCGAAGAGAAGCTTAAAGAGGTTCTCACGCAGCC GAGATCAAGGTCACCTAGTAGTTCCCCAAGGAAGCACAGATGTCCAAATAAACCAGAAATGAATGGCGAC CACAGTTGCGCCAGACAGGTCAGAATTGAGTTTGCAGACACCTCTTCTTCCCAGTCCAGCTTCGGAAAAG CTCCTCACAGCTGCCACACACAACCTCCCAGGGACAAATCTCAGAATCTCCAGACTTGTCAAGATGGCAG TGCTGAGAGCCTTGGTCCCTTTCATTCATGTGAGCTGGAGGGCAAAAGAGGGTGTTCCGGCGGAACTAGT CAGAAGTCGGAGGTCCAAGGTCTCGGTCCTGTAGAAATCCACTTACTACCGTATACCTCAAAGTTTCCAA CGCCCAAGCCCAGAAGGACACACGCTGCTCGTCTGCGTCGCCAGAAGCATGTAGACACTCCTAGTGAAAG CACTGAAGAGCCAGAGAGCTCAAACAATGGCTCTTCTTGTCTCCATGAAGATAGTTTGAAAAACAATAAA GTCAGTGTTCTTCATCAGAATGCTTTGTCTAACCAGGGACCAGTGGATGAGGTGAGGCCAGGAAACAAGA AGGCATTGACCAGGGAGTCCAACAGTGACAGACAGGACTCAGTCAGCTCACAGAAAGCTGTGCAGCATGA AACGTCTTCTTTTGAAAAAGTGGCACCTTCTTTAGATACAGATTCTAGTTTGACTTCTGACAGCACGGTA GAAGACGGTTCTGATGTGTTACCTGCTGTGGACAGAGAGACTGCTTTCATACAATGCAGTCCTCAGCCTT TGAGCTTGCCTAAGCAAGTCAAATTAGCCTGTGCTGAACAGCAGCCAACTACCTGCAACAGGGAGGTGTC AGTGCCCCAGATACAAAAGGAATCTTCCTCGAGAATTGTTCCCAAAAAACCTCAAAGACACAGCTTGCCT GCGGCAGGGGTGCTTAAAAAGGCTGCATCAGAGGAACTAGTAGAAAAGAACTCTTCAAGTAAGGAAACCA

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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001137645

Insert Size: 4221 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_001137645.1, NP_001131117.1
RefSeq Size:	4732 bp
RefSeq ORF:	4221 bp
Locus ID:	500824
Cytogenetics:	7q13