

## Product datasheet for SC210992

### FGD2 (NM\_173558) Human 3' UTR Clone

#### Product data:

Product Type: 3' UTR Clones  
Product Name: FGD2 (NM\_173558) Human 3' UTR Clone  
Symbol: FGD2  
Synonyms: ZFYVE4  
Mammalian Cell Selection: Neomycin  
Vector: pMirTarget (PS100062)  
ACCN: NM\_173558  
Insert Size: 936 bp

Insert Sequence: >SC210992 3'UTR clone of NM\_173558  
The sequence shown below is from the reference sequence of NM\_173558. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGCCCAACGATGGGGACCTGTCCGACTTGAGCCACTGCCAGCCGCTCTCCTGCCACCTCTCCCACCC
TGAACCCAGCTCCTGCCACAGACTGACCCTGTGGCCTCAGTGACCCACTGCCCAAGTGGTCTTCAG
AGAATTGATTAGCCATCTGCGCCAGGCCACGTGTCCGATCTGGGATTAGAAAATATGGGTCCATTCT
CTTTCTAGAAAGGGGACAACCAAGTGTCTCAGTTTGCCTTGCGGGGAGGGGGCTCCTGGGCCATGGGAC
TTCCAGTGCTAAACTGGGAAAGCCCCAGGTAACCCCGGACTGGTGGTCAACCATAGTATGTTTTTCAT
TTGTATCTCCTGGGGAGCTTTTAAAGAGTACTGGTGAAAAACACATAGTAAATTAATTTTAAAAATGTA
AAAAACAATGCCTGACTGAAGTACCACCACCGATTTAAATGGGCTGAGTTGGGGGAGGCATGGGGTCT
TTTTTTTTTTTTTTTTGAGACAGAGTCTTACTCTGTTCCAGGCTGGAGTGCACAAACATGGCTCACT
ACAGCCTCGCTCTCCCGGGCTCCAGTGATCCTCCCGCCTCAGCCTCCAAGTAGCTGGGATTATAGGTG
TGTGCCACTGTGCCAAGCTAATTTTTTTATTTTTTGTAGAGATGGGATTTACCATGTTACTCAGGCTG
GTCTCAAACCTCCAGCCTCAAGCGATGTCTCCACCTCCACCTCCCAAAGTGTGGGATTACAGGCGTGA
GCCACCATACCTGGCGCATGCATATTTTTTAAAGAGTACCCACTGGAGTCTAATATATAGCCTGGGTTAC
CTGGGATGAAGAATAAAGAGAGCAAACTACCACAACCAATGGTTGAGCCCCTGTCAAGTGCCAGTCATG
ATAGTAGTAATAATAATAATAAACATCTATTGGACCAGG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_173558.4</a>
<b>Summary:</b>	The protein encoded by this gene belongs to a family of guanine nucleotide exchange factors (GEFs) which control cytoskeleton-dependent membrane rearrangements by activating the cell division cycle 42 (CDC42) protein. This gene is expressed in B lymphocytes, macrophages, and dendritic cells. The encoded protein may play a role in leukocyte signaling and vesicle trafficking in antigen-presenting cells in the immune system. [provided by RefSeq, Oct 2016]
<b>Locus ID:</b>	221472
<b>MW:</b>	34.7