

Product datasheet for **SC208727**

FGD1 (NM_004463) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: FGD1 (NM_004463) Human 3' UTR Clone
Symbol: FGD1
Synonyms: AAS; FGDY; MRXS16; ZFYVE3
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_004463
Insert Size: 685 bp

Insert Sequence: >SC208727 3'UTR clone of NM_004463
 The sequence shown below is from the reference sequence of NM_004463. 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
GAATCCCCCAGACCCGAGACAAGACCTAGAGGGTTTGGGACAACTGGGAGCCCCACCCCACTCT
AGTTGCCCATGTCTGATTGGGGCTCTAGCCCCTCCCTCCCAGCTCAGTCAATACTTGAACCTCCATC
ACGGGCACTTTCAATCCCGAATGCTGGGTCTTGGGTTTTTAATTCATCTTTTCACAAAACGTGGGCTT
TTAAAAAATATATTCCTACAGTGATGTCAATTTTTATTAATCCCTGTCCCAGGGAGGGTGGGAGCCGT
TGCCAGTCTACCTGAATTAGGTCGTTTTTCTCCCTCATCCCTCAATACCCTACCACAGATCCTGCCTC
CACCCAGTTCCCCACAAAGCACCAGAGGTAGGAGACCTGGATTCAAGTGCCAGCTCTGCCACTGACCCT
GGGGCCCCGACCCAGCCCTGCCTCCTCAGCCAGTGTCTTACACGTACAACCTCCACGTGGGGTGGCAAC
TAGACCTCTCCTGCCTCTCCCATGGCTTACAGCTTCTACCCGGCCCCAAGGCTACCCAGTATTTTATCG
TCCAGACCCATGGCAGGGCCAGCGGCAGGACAGGGAAACAGGGGGGAGGACAATGGATACTCAGTTTTT
TTGTGTTTTTTGTGTGTTTTTTTTTTTTTAAGAAAAATACAGTTATTTTCAAGCTTACAGTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: 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).



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Components:	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.
RefSeq:	NM_004463.3
Summary:	This gene encodes a protein that contains Dbl (DH) and pleckstrin (PH) homology domains and is similar to the Rho family of small GTP-binding proteins. The encoded protein specifically binds to the Rho family GTPase Cdc42Hs and can stimulate the GDP-GTP exchange of the isoprenylated form of Cdc42Hs. It also stimulates the mitogen activated protein kinase cascade leading to c-Jun kinase SAPK/JNK1 activation. Defects in this gene are the cause of the faciogenital dysplasia in Aarskog-Scott syndrome and a syndromatic form of X-linked cognitive disability. [provided by RefSeq, Jul 2017]
Locus ID:	2245
MW:	25