

Product datasheet for **SC204167**

FXYD2 (NM_021603) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: FXYD2 (NM_021603) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: FXYD2
Synonyms: ATP1G1; HOMG2
ACCN: NM_021603
Insert Size: 352 bp
Insert Sequence: >SC204167 3'UTR clone of NM_021603

The sequence shown below is from the reference sequence of NM_021603. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCAGGCAAATCAATGAAGATGAGCCGTAAACAGCAGCCTCGGCGGTGCCACCCACTGCCTGGGGCCAG
CTGGGAAGCCAAGCATGGCCCTGCCTCTGGCGCCTCCCTTCTTCCCTGGGCTTTAGACCTTTGTCCCC
GTCACTGCCAGCGCTTGGGCTGAAGGAAGCTCCAGACTCAATGTGACCCCAAGGTGGCATCGCCAACTC
CTGCCTCGTGCCACCTCATGCTTATAATAAAGCCGGCGTCAGAGACCGCTGCTTCCCTCACCTGCCTGC
CTGTCTCCCTCTGTCAACCACCGCCTCTCCAAGCTCAAGTACAAATACAGCCGGGTCTCATTGTGTT
TTTTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-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).

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_021603.4](#)



[View online »](#)

Summary: This gene encodes a member of the FXVD family of transmembrane proteins. This particular protein encodes the sodium/potassium-transporting ATPase subunit gamma. Mutations in this gene have been associated with Renal Hypomagnesemia-2. Alternatively spliced transcript variants have been described. Read-through transcripts have been observed between this locus and the upstream FXVD domain-containing ion transport regulator 6 (FXVD6, GeneID 53826) locus.[provided by RefSeq, Feb 2011]

Locus ID: 486

MW: 13.5