

Product datasheet for **SC204168**

FXYD2 (NM_001680) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: FXYD2 (NM_001680) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: FXYD2
Synonyms: ATP1G1; HOMG2
ACCN: NM_001680
Insert Size: 352 bp
Insert Sequence: >SC204168 3'UTR clone of NM_001680
The sequence shown below is from the reference sequence of NM_001680. 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_001680.5](#)



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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