

## Product datasheet for **SC210701**

### **FXYD3 (NM\_001136012) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** FXYD3 (NM\_001136012) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** FXYD3  
**Synonyms:** MAT8; PLML  
**ACCN:** NM\_001136012  
**Insert Size:** 897 bp  
**Insert Sequence:** >SC210701 3'UTR clone of NM\_001136012  
 The sequence shown below is from the reference sequence of NM\_001136012. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
CTCATCACCCAGGCTCAGCCAAAGCTGTAGGAGACAGACCAGCTGAAATTGGGTGGAGGACCGTTCT
CTGTCCCAGGTCCTGTCTCTGCACAGAACTTGAACTCCAGGATGGAATTCTTCTCCTCTGCTGGGA
CTCCTTTGCATGGCAGGGCCTCATCTCACCTCTCGCAAGAGGGTCTCTTTGTTCAATTTTTTTAACT
AAAATGATTGTGCTCTGCCAAGCAGCCTGGAGACTTCCATGTGTGCATTGGGGTGGGCTTGGGGC
ACCATGAGAAGGTTGGCGTGCCTGGAGGCTGACACAGAGGCTGGCACTGAGCCTGCTTGTGGGAAAA
GCCACAGGCTGTTCCCTTGTGGCTTGGGACATGGCACAGGCCCGCCCTCTGCCTCCTCAGCCATGGG
AACCTCATATGCAATTTGGGATTTACTAGTAGCCAAAAGGAATGAAAGAGAGCTTAACCAGATGGAAC
ACTGGAACATTCCAGTGGACCCTGGACCATTCCAGGAAAACTGGGACATAGGATCGTCCCCTATGATG
GAAGTGTTCAGACAGTTTATAATAGTAAGCCCTGTGACCCTCTCACTTACCCCGAGACCTCACTTTAT
TACAAGATCTTTCCAAATACCCAAATGTCCCTGCAAGCCCGTTAAATAATTCCCTATGCTACCCTTAAT
AACATACAATGACCACATAGTGTGAGAACTTCCAACAAGCCTCAAAGTCCCTTGAGACTCCCAATACC
TAATAAGGCATGCGAAATGTTCTCATGAACTACCCACAACACGCCTAAAACTCAAAACACCCAAAAT
ATCTCCTCCAATGTCCTGAAACATGAACCCAAAAAGAGACCCACAATAAACTCGTGACTTGTCCCCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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|                    |  |
|--------------------|--|
| <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_001136012.2</a>   |
| <b>Summary:</b>    | This gene belongs to a small family of FXYD-domain containing regulators of Na <sup>+</sup> /K <sup>+</sup> ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD, and containing 7 invariant and 6 highly conserved amino acids. This gene encodes a cell membrane protein that may regulate the function of ion-pumps and ion-channels. This gene may also play a role in tumor progression. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Oct 2008] |
| <b>Locus ID:</b>   | 5349   |
| <b>MW:</b>         | 33.6   |