

## Product datasheet for MC206839

### Fxyd3 (BC002039) Mouse Untagged Clone

#### Product data:

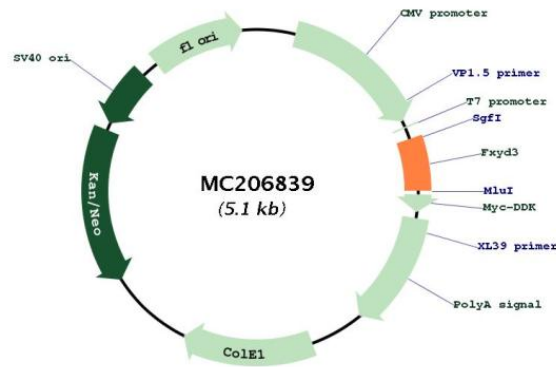
Product Type:	Expression Plasmids
Product Name:	Fxyd3 (BC002039) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fxyd3
Synonyms:	Mat8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206839 representing BC002039. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAAGAGGTTGTTCTGAGCCTGTTGGTCCTTCTAGCAGGCCTGCCTACTTTGGATGCCAATGACCCCT
GAAAATAAAAAATGATCCTTTCTACTATGATTGGTACAGCCTCCGAGTCGGCGGGCTCATTGTGCAGGG
ATTCTCTGTGCCCTGGGCATTATAGTCCTTATGAGTGGCAAATGCAAATGCAAGTTCAGACAGAAACCC
AGTCACCGCCCAGGAGAAGGGCCACCTCTCATCACACCAGGCTCAGCTCACAACCTGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** BC002039

**Insert Size:** 267 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [BC002039](#)

**RefSeq Size:** 503 bp

**RefSeq ORF:** 266 bp

**Locus ID:** 17178

**Cytogenetics:** 7 B1

**MW:** 9.5 kDa

**Gene Summary:** This gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD and containing 7 invariant and 6 highly conserved amino acids. The encoded protein is a transmembrane protein that functions as a specific regulator of Na,K-ATPase. [provided by RefSeq, Aug 2009]