

## Product datasheet for **SC112557**

### **FXYD3 (NM\_021910) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FXYD3 (NM_021910) Human Untagged Clone
Tag:	Tag Free
Symbol:	FXYD3
Synonyms:	MAT8; PLML
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_021910, the custom clone sequence may differ by one or more nucleotides

ATGCAGAAGGTGACCCTGGGCCTGCTTGTGTTCTTGGCAGGCTTTCCTGTCTGGACGCCAATGACCTAG  
AAGATAAAAACAGTCCTTTCTACTATGACTGGCACAGCCTCCAGGTTGGCGGGCTCATCTGCGCTGGGGT  
TCTGTGCGCCATGGGCATCATCATCGTCATGAGTGAGTGGAGGAGCTCGGGGGAGCAGGCGGGCCGGGGC  
TGGGGCTCCCCTCCCCTGACCACTCAGCTCTCCCCAACAGGTGCAAAATGCAAATGCAAGTTTGGCCAGA  
AGTCCGGTCACCATCCAGGGGAGACTCCACCTCTCATCCCCAGGCTCAGCCCAAAGCTGA

#### **5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_021910 unedited  
CACCCAGGCCCTGGTGAACCACACAGGCCAGCGCTCTGACATGCAGAAGGTGACCCTGGG  
CCTGCTTGTGTTCTTGGCAGGCTTTCCTGTCTGGACGCCAATGACCTAGAAGATAAAAA  
CAGTCCTTTCTACTATGACTGGCACAGCCTCCAGGTTGGCGGGCTCATCTGCGCTGGGGT  
TCTGTGCGCCATGGGCATCATCATCGTCATGAGTGAGTGGAGGAGCTCGGGGGAGCAGGC  
GGGCCGGGGCTGGGGCTCCCCTCCCCTGACCACTCAGCTCTCCCCAACAGGTGCAAAATG  
CAAATGCAAGTTTGGCCAGAAGTCCGGGTAAGATACTGTTCCGGCATGCCCGCCTCAGGC  
TGACTGGACGCTTTTCAGGGTGAAAGGGCTAACTCTCCAGCAGGAGAGGCTCGGGGCT  
CTGCCCTTTAGAGTTCTGCCGCTAAGATTTCCAGGTTTATTGTTTCTAGCTGGTAATCC  
CCAGGGGGCCCCAAATCCTGAAATGCTTTGGCCCTGGGATTGCACAACCCCCAAATGG  
AAAGGCAGCCAGGAAGACATGTCTGGGCANGCTAAGAACCCTCTATCCGGAGGGAGAGGG  
CAAATGGGGGGCGGACCAATCTCACCCTTT



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**Gene Summary:**

This gene belongs to a small family of FXVD-domain containing regulators of Na<sup>+</sup>/K<sup>+</sup> ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXVD, 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]