

## Product datasheet for **SC201971**

### **FXYD4 (NM\_173160) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	FXYD4 (NM_173160) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FXYD4
Synonyms:	CHIF
ACCN:	NM_173160
Insert Size:	199 bp
Insert Sequence:	>SC201971 3'UTR clone of NM_173160 The sequence shown below is from the reference sequence of NM_173160. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATCACTCCAGGCTCTGCCACTACTTGC <b>TG</b> AGCACAGGACTGGCCTCCAGGGATGGCCTGAAGCCTAACA CTGGCCCCAGCACCTCCTCCCCTGGGAGGCCTTATCCTCAAGGAAGGACTTCTCTCCAAGGGCAGGCT GTTAGGCCCTTTCTGATCAGGAGGCTTCTTTATGAATTAAGTAACTCGCCCCACCACCCCTC <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u><a href="#">NM_173160.3</a></u>



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**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 PFXVD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXVD-domain containing ion transport regulator. FXVD4, originally named CHIF for channel-inducing factor, has been shown to modulate the properties of the Na,K-ATPase, as has FXVD2, also known as the gamma subunit of the Na,K-ATPase, and FXVD7. Transmembrane topology has been established for FXVD4 and two family members (FXVD1 and FXVD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. Alternatively spliced transcript variants encoding the same protein have been found.[provided by RefSeq, May 2010]

**Locus ID:**

53828

**MW:**

6.8