

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
Symbol: FXYD4
Synonyms: CHIF
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
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.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCACTCCAGGCTCTGCCACTACTTGCAGCACAGGACTGGCCTCCAGGGATGGCCTGAAGCCTAACA
CTGGCCCCCAGCACCTCCTCCCTGGGAGGCCTTATCCTCAAGGAAGGACTTCTCTCAAGGGCAGGCT
GTTAGGCCCTTTCTGATCAGGAGGCTTCTTTATGAATTAAGTAACTCGCCCCACCACCCCTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).
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_173160.3](#)


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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 PFXYD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYD-domain containing ion transport regulator. FXYD4, originally named CHIF for channel-inducing factor, has been shown to modulate the properties of the Na,K-ATPase, as has FXYD2, also known as the gamma subunit of the Na,K-ATPase, and FXYD7. Transmembrane topology has been established for FXYD4 and two family members (FXYP1 and FXYD2), 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