

Product datasheet for RC215461

FXVD8 (NM_001099278) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FXVD8 (NM_001099278) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FXVD8
Synonyms: FXVD6P3; FXVD domain-containing ion transport regulator 6, pseudogene 3; FXVD domain containing ion transport regulator 8; OTTHUMP00000023569
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC215461 representing NM_001099278
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGTGGTACTGATCTTTGTATACAGCCTGCTCGTCCCGGTGGTCTGGCCAGTGCAGCTAAGGAGA
 AGGAAATAGATCCTTTTCATTATAACTACCAGACCCTGAGGATTGGAGGATTGGTATTTGATGTGGTCCT
 CTTCTGGTTCGAGCTGCCATCTTCTAAGTCACAGGTGCAAGTGCAGTTTCAATCAGAAGCCCCAGGAT
 CCAGGAGATAAGGAAGCTCAGGTGGAAACTTCATCACTGCAAATGCAAAAGAGCCCCAGAAAGCAAAAA
 AC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC215461 representing NM_001099278
 Red=Cloning site Green=Tags(s)
 MEVVLIFVYSLLPVVLASAAKEKEIDPFHNYQTLRIGGLVFDVVLFLVPSCHLLSHRCKCSFNQKPKQD
 PGDKAQVENFITANAKEPQKAKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8121_e06.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001099278

ORF Size: 282 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001099278.1](#), [NP_001092748.1](#)

RefSeq Size: 1644 bp

RefSeq ORF: 284 bp

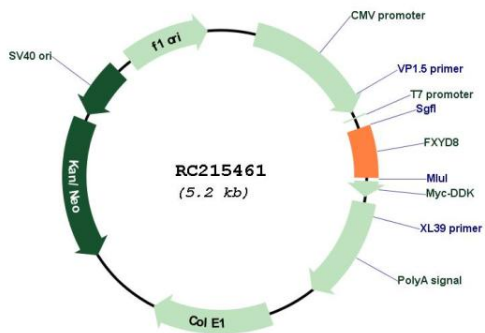
Locus ID: 406875

Cytogenetics: Xq13.2

Protein Families: Transmembrane

MW: 11 kDa

Product images:



Circular map for RC215461