

Product datasheet for RC231675

FXVD6-FXVD2 (NM_001243598) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FXVD6-FXVD2 (NM_001243598) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FXVD6-FXVD2
Synonyms:	FXVD6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231675 representing NM_001243598 Red=Cloning site Blue=ORF Green=Tags(s) TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGAGTTGGTGTGGTCTTCTCTGCAGCCTGCTGGCCCCATGGTCTGGCCAGTGCAGCTGAAAAGGAGAAGGAAATGGACCCTTTTCATTATGATTACCAGACCCTGAGGATTGGGGGACTGGTGTTCGCTGTGGTCTTCTCGGTTGGGATCCTCCTATCCTAAGGCCCCAGGAGATGAGGAAGCCCAGGTGGAGAACCTCATCACCGCCAATGCAACAGAGCCCCAGAAAGCAGAGAACTGAAGTGCAGCCATCAGGTGGAAGGCGGCAGCCCCAAGGGGACGTGGACCCGTCTACTATGGCAGAAGATTCGCTGTGGGGGCAA ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
Protein Sequence:	>RC231675 representing NM_001243598 Red=Cloning site Green=Tags(s) MELVLVFLCSLLAPMVLASAAEKEKEMDPFHYDYQTLRIGGLVFAVVLFSVGILLILRPQEMRKPRWRTSSPPMQQSPRKQRTEVQPSGGRRQPQGGRPVLLWQKIPLWGQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	SgfI-MluI


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Cloning Scheme:


ACCN: NM_001243598

ORF Size: 336 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001243598.3](#)

RefSeq Size: 1122 bp

RefSeq ORF: 339 bp

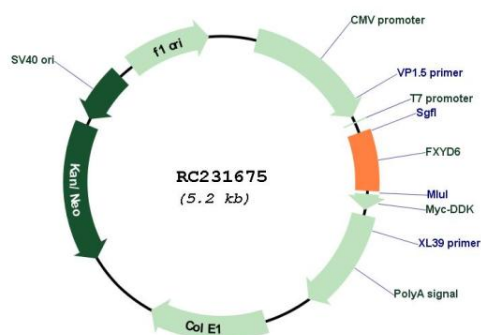
Locus ID: 100533181

Cytogenetics: 11q23.3

MW: 13.2 kDa

Gene Summary: This locus represents naturally occurring read-through transcription between the neighboring FXYD domain-containing ion transport regulator 6 (GeneID 53826) and sodium/potassium-transporting ATPase subunit gamma (GeneID 486) genes on chromosome 11. One read-through transcript produces a fusion protein that shares sequence identity with each individual gene product, while another read-through transcript encodes a protein that has a distinct C-terminus and only shares sequence identity with the upstream locus (GeneID 53826). [provided by RefSeq, Aug 2011]

Product images:



Circular map for RC231675