

## Product datasheet for **RC225230**

### **FAM18B2 (TVP23C) (NM\_001135036) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FAM18B2 (TVP23C) (NM\_001135036) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** FAM18B2  
**Synonyms:** FAM18B2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC225230 representing NM\_001135036  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTGCAGCAGGATAGTAATGATGACACTGAAGATGTTTCACTGTTTGATGCGGAAGAGGAGACGACTA  
 ATAGACCAAGAAAAGCCAAAATCAGACATCCAGTAGCATCGTTTTTCCACTTATTCTTTTCGAGTCAGTGC  
 AATCATCGTCTGTCTTCTCTGTGAGTTGCTCAGCAGCAGCTTTATTACCTGTATGGTTACAATTATCTTG  
 TTGTTGTCGTGTGACTTTTGGGCAGTGAAGAATGTCACAGGTAGACTAATGGTTGGCCTACGTTGGTGGA  
 ATCACATTGATGAAGATGAAAGAGCCATTGGGTGTTGAATCTAGAAAGGAGTCCTCTCAAGAGAATAA  
 AACTGTGTCAGAGGCTGAATCAAGAATCTTTGGTTGGGACTTATTGCCTGTTCACTACTGTGGGTGATA  
 TTTGCCTTTAGTGCACTTCTCCTTCACAGTAAAGTGGCTGGCGGTGGTTATTATGGGTGTGGTGTCTAC  
 AAGGTGCCAACCTGTATGGTTACATCAGGTGTAAGGTGCGCAGCAGAAAGCATTAAACCAGCATGGCTAC  
 TTCATATTTTGGAAAGCAGTTTTTAAGACAAGTAAGTGTCTTCTGGATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC225230 representing NM\_001135036  
 Red=Cloning site Green=Tags(s)

MLQQDSNDDTEDVSLFDAEEETTNRPRKAKIRHPVASFFHLFFRVSAIIVCLLCELLSSSFITCMVTIIL  
 LLSCDFWAVKNVTGRMLVGLRWWNHIDEDGKSHWVFESRKESSQENKTVSEASRIFWLGLIACSVLWVI  
 FAFSALFSFTVKWLAVVIMGVVLQGANLYGYIRCKVRSRKHLSMATSYFGKQFLRQVSVFWM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM\_001135036

ORF Size: 609 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\\_001135036.2](#)

RefSeq ORF: 612 bp

Locus ID: 201158

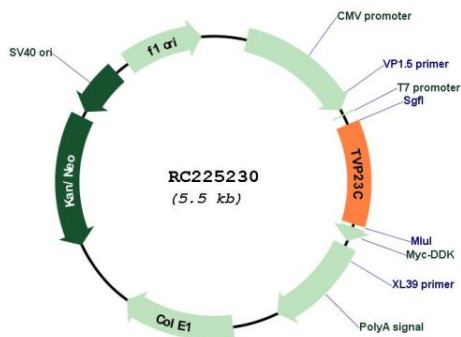
UniProt ID: [Q96ET8](#)

Cytogenetics: 17p12

Protein Families: Transmembrane

MW: 23.3 kDa

**Product images:**



Circular map for RC225230