

Product datasheet for **RC227803**

IQCF5 (NM_001145059) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IQCF5 (NM_001145059) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: IQCF5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC227803 representing NM_001145059
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCCCAGAAGAGAAGACCATCATGACAGAAAGGTCTGCAGCTGTTTTTCATCCAGGCCTGGTGGCGGG
 GCATGCTGGTGGCAGCGCACACTGCTGCATGCAGCCCTCAGGGCTTGGATCATTAGTGTGGTGGAGGCA
 GGTGCTGGAGAAGCTGCTGGCAAAGAGGCGGAGGATGGTGTGGAGTTCTATGTGCAGCAGGAATGGGCA
 GCAGTCAGGCTGCAGTCCTGGGTCGCCATGTGGTGTGCCAGCGTTACTGTCGTTTGTCTCAACGCTG
 TCCGCATCATCCAGGTCATTGGCGCTGGCACAGCTGCCATTCCCGTGTCTTTATTGAGGGCCACTATGA
 ACTCAAAGAAAACCAACTTAATATTCAACTTGAAATCTCTTTGGGCTTACAGGCTTGAAGGTGCAACAA
 TGCATACCCCTTCCATTAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227803 representing NM_001145059
 Red=Cloning site Green=Tags(s)

MGPEEKTIMTERSAAVFIQAWWRGMLVRRLLHAALRAWIIQCWWRQVLEKLLAKRRRMVLEFYVQQEWA
 AVRLQSWVRMWCVRQRYCRLNAVRIIQVYWRWHSCHSRVIEGHYELKENQLNIQLEISLGLQACKVQQ
 CIPLPLKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8037_d11.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_001145059

ORF Size: 444 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_001145059.2](#)

RefSeq ORF: 447 bp

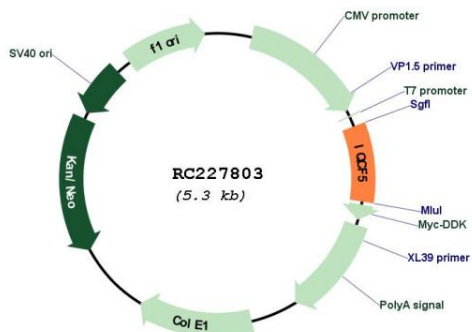
Locus ID: 389124

UniProt ID: [A8MTL0](#)

Cytogenetics: 3p21.2

MW: 17.9 kDa

Product images:



Circular map for RC227803