

Product datasheet for **RC203194**

PYURF (NM_032906) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PYURF (NM_032906) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: PYURF
Synonyms: PREY
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC203194 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTCTGTCTCTTCTACGTTGACTGTTCTTATTCCACTGGTTTCTTTAGCAGGACTGTTCTACTCAG
CCTCTGTGGAAGAAAACCTCCACAGGGCTGCACTAGCACAGCCAGCCTTTGCTTTTACAGCCTGCTCTT
GCCTATTACCATACCAGTGTATGTATTCTCCACCTTTGGACTTGGATGGGTATTAACCTCTTCAGGCAT
AAT

AG**CGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC203194 protein sequence
Red=Cloning site Green=Tags(s)
MFLSLPTLTVLIPLVSLAGLFYSASVEENFPQGCTSTASLCFYSLLLPITIPVYVFFHLWTWMIKLFRH
N

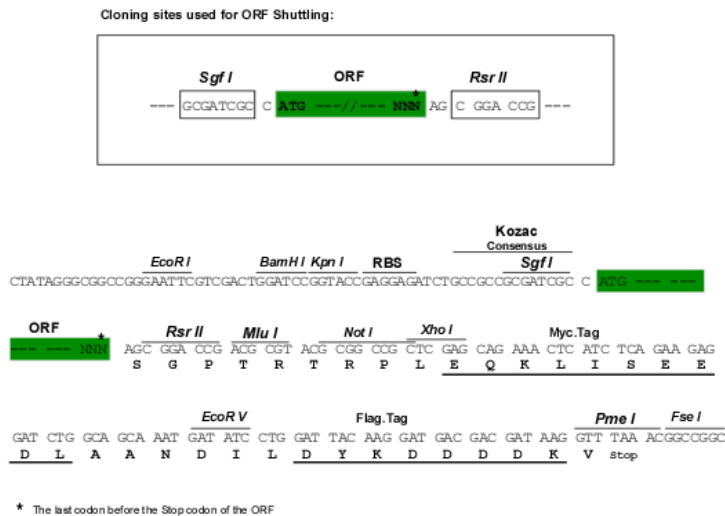
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6614_e01.zip

Restriction Sites: Sgfl-RsrII



[View online »](#)

Cloning Scheme:


ACCN: NM_032906

ORF Size: 213 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.

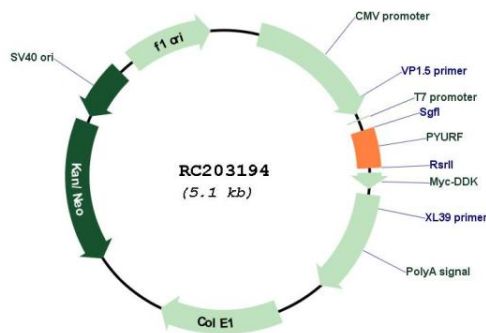
RefSeq: [NM_032906.2](#), [NP_116295.1](#)

RefSeq Size: 1374 bp

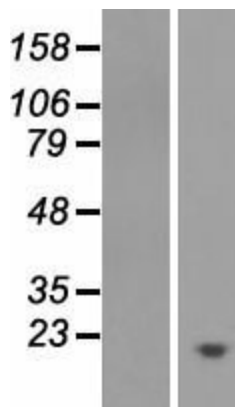
RefSeq ORF: 345 bp
 Locus ID: 100996939
 UniProt ID: [Q96I23](#)
 Cytogenetics: 4q22.1
 Domains: DUF343
 MW: 8.1 kDa

Gene Summary: The product of this gene, which is well-conserved, is encoded by the same bicistronic transcript that encodes phosphatidylinositol glycan anchor biosynthesis, class Y, but the two proteins are unrelated. This gene represents the protein encoded by the upstream open reading frame, while the protein encoded by the downstream open reading frame is represented by GeneID:84992. [provided by RefSeq, Aug 2012]

Product images:



Circular map for RC203194



Western blot validation of overexpression lysate (Cat# [LY409866]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203194 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).