

Product datasheet for **RC231165**

RNF225 (NM_001195135) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	RNF225
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PSI00001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC231165 representing NM_001195135
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCCCTGCCCTCGGCCGTTCTGGCTCCGCCATTCCTGGGCCCCCAGGGCTCGGGTCCCAGCTCCCCAG
GCTCGCTCTCTGCGCCCGCTCCCAAGCAGAGGGGAAGACCAGGAGGAGGAGGAGGAGGAAGGGGA
CGGCAGCCCAAGGCTCCGGCCCTATCTGCCCCCGCCTCCCGGTGGAGTGCCTCATCTGCGTGTCTGTC
TTCGACGGCGTGTTCAGCTGCCAAGCGCCTGGACTGCGGCCACGTCTTCTGTCTCGAGTGCCTGGCGC
GCCTATCGTTGGCCACGGCGGGCGGGCAACGCGGTGGCTGTCCGGTGTGCCGCGGCCACGCGCCT
GGCCCCCGCCGCGGACTCCCCGCGTTGCCACGAGTCCGGTCTCTGCCCGCGACGCGCGCACCCG
CCCTCTCGCCAGGGCTCCGTGCGCTTCGACCGCGCGCCGCGCCTTCTCTACCTGCGGCCGCCGCCGCC
CGCCCCGGGCGCGCAAGGCCCGCGCCCCGCGCCCCCGCCCTCTGCGCTGGGCCGCCGCTGTCTGCG
CCGCTTGTCTGCTGGCCAGCCCGGCTGGGTCTTCAACGCTGCCGTGGCGCTGGCGGTGCTGGTGGCCGCG
GGCCTCGTGGTCTCGGGCTCTACATCTTCTCTCATCCCGCACGCCACCTCTCCGGCCCCCGCGGC
CCCAGCTCGTGGCGCTCGCTCCAGCGCCTGGCTTCTCTTGGTTTCCGCCGAGGCCCGCCGGGTCTGCC
CTGGGCCCCCGCTGGACGCCCGCCCCACGGGCCCTGACCTGGACACGGCCCTGCCAGGAAGTGCAGAA
GATGCGCTGGAGCCCGAGGCGGGCCCCGAGGACCGGGCGAGGCGGAGGAGCGTGGACAGGCGATCGG
ATGGCACGTGGGGCACAGAGGCTGGCCCCGGTGGGCCCGTGGCCACGGGGCGCGAGGAGGCTGTGGGG
CTCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>RC231165 representing NM_001195135

Red=Cloning site Green=Tags(s)

MPCPRPFWLRHSRAPQSGSPGSLAPRSPSRGEDQEEEEEEEGDGGSPGSGPILPPASPVECLICVSS
FDGVFKLPKRDCGHVFCLECLARLSLATAGGNAVACVPCRAPTRLAPRRGLPALPTQSGLLPRDARAP
PSRQGSVRFDRRGLLYLRPPPPPGPRKARPPPPPLRLGRPLSRRLSLASPAWVFNAVALAVLVAA
GLVVSQVYIFFLIPHATSSGPPRPQLVALAPAPGFSWFPPRPPGSPWAPAWTPRPTGPDLDALPGTAE
DALEPEAGPEDPAEAERTLDRRSDGTWGTAGPGWAPWPRGARRLWGSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

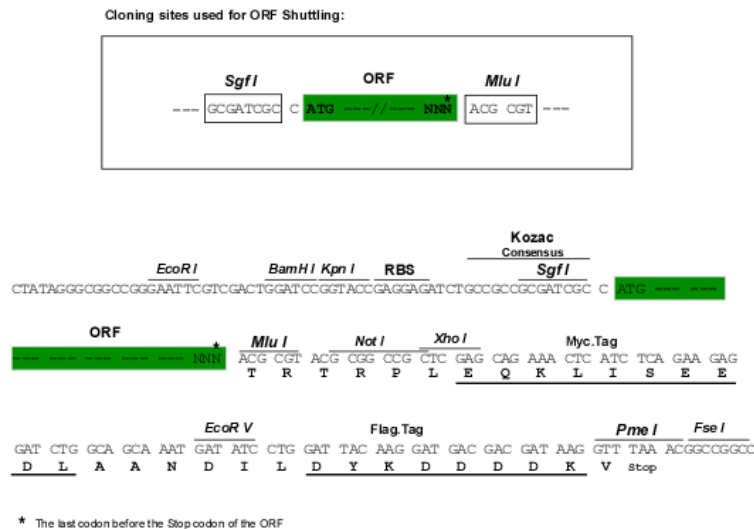
Chromatograms:

https://cdn.origene.com/chromatograms/ja1282_c09.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001195135

ORF Size:

987 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_001195135.1](#), [NP_001182064.1](#)

RefSeq ORF: 990 bp

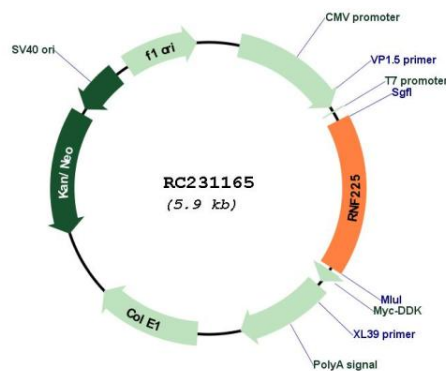
Locus ID: 646862

UniProt ID: [M0QZC1](#)

Cytogenetics: 19q13.43

MW: 35.2 kDa

Product images:



Circular map for RC231165