

Product datasheet for **RC225166**

RNF24 (NM_001134338) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF24 (NM_001134338) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RNF24
Synonyms: G1L
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC225166 representing NM_001134338
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGAATAAGAGTGGTGAGAGCAGATATCCTGCCTTGTCCCGTCTTAGGGGTTTCATCCATGAGCT
CGGATTTCCACATTACAACCTCAGGATGCCTAATATTGGATTCCAGAATCTGCCTCTCAACATATATAT
TGTGGTTTTGGTACTGTATATTTGTCTTCATCCTTAGTTACTTCTGTTGCTACTGATTAGGCTA
AGACATCAAGCACACAAAGAATTTATGCCTACAACAGGTTATATTAAGAGAGAAAGTAAAGAATTGA
ATTTACATGAGCTCTGTGCAAGTGCCTAGAAGACTTCAAGCCTCGAGATGAGTTGGGGATTTGCCCATG
TAAGCACGCCTTCCACAGAAAGTGCCTATTAAGTGGCTGGAGGTTGTAAGTGTGTCCCTGTGCAAC
ATGCCAGTTCTACAGCTGGCCAGTTGCACAGTAAGCAGGACCGTGGACCCCTCAGGGGCCCTTCTGT
GGCAGAGAACATTGTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225166 representing NM_001134338
Red=Cloning site Green=Tags(s)

MLNKSGESRYPALFPVLGGSSMSDFPHYNFRMPNIGFQNLPLNIYIVVFGTAIFVFILSLLFCCYLIRL
RHQAHKEFYAYKQVILKEKVKELNLHELCAVCLDFKPRDELGICPCKHAFHRKCLIKWLEVRKVCPLCN
MPVLQLAQLHSKQDRGPPQGPLPGAENIV

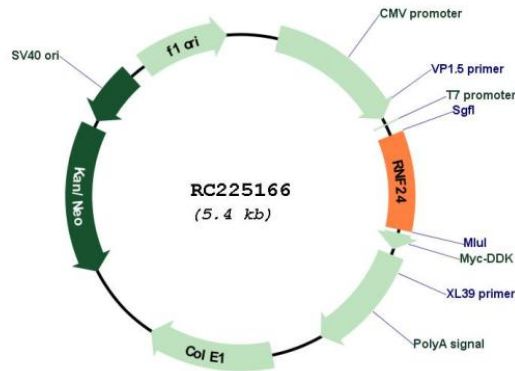
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001134338

ORF Size: 507 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:	<ol style="list-style-type: none">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_001134338.3
RefSeq ORF:	510 bp
Locus ID:	11237
UniProt ID:	Q9Y225
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Transmembrane
MW:	19.2 kDa
Gene Summary:	This gene encodes an integral membrane protein that contains a RING-type zinc finger. The encoded protein may interact with multiple transient receptor potential cation channel subfamily C (TRPC) proteins and regulate the trafficking and insertion of these proteins into the plasma membrane. [provided by RefSeq, Mar 2016]