

Product datasheet for RC223362L3

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OriGene Technologies, Inc.

RNF14 (NM_183400) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RNF14 (NM_183400) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: RNF14

Synonyms: ARA54; HFB30; HRIHFB2038; TRIAD2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC223362).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_183400

ORF Size: 1422 bp





RNF14 (NM_183400) Human Tagged Lenti ORF Clone - RC223362L3

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: <u>NM 183400.1</u>

RefSeq Size:2970 bpRefSeq ORF:1425 bpLocus ID:9604

UniProt ID: Q9UBS8

Cytogenetics: 5q31.3

Protein Families: Druggable Genome, Transcription Factors

MW: 53.7 kDa

Gene Summary: The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in

protein-protein interactions. This protein interacts with androgen receptor (AR) and may function as a coactivator that induces AR target gene expression in prostate. A dominant negative mutant of this gene has been demonstrated to inhibit the AR-mediated growth of prostate cancer. This protein also interacts with class III ubiquitin-conjugating enzymes (E2s) and may act as a ubiquitin-ligase (E3) in the ubiquitination of certain nuclear proteins. Six alternatively spliced transcript variants encoding two distinct isoforms have been reported.

[provided by RefSeq, Jan 2011]