

Product datasheet for RC213839L3

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OriGene Technologies, Inc.

RNF38 (NM_022781) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RNF38 (NM_022781) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: RNF38

Mammalian Cell Puromycin

Selection:

Vector:

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

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

Sgfl-Mlul

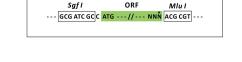
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC213839).

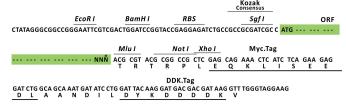
Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf I ORF





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

ACCN: NM_022781 **ORF Size:** 1545 bp





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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 022781.4</u>

RefSeq Size: 5101 bp
RefSeq ORF: 1548 bp
Locus ID: 152006
UniProt ID: Q9H0F5
Cytogenetics: 9p13.2

Protein Families: Druggable Genome

RING

MW: 57.4 kDa

Domains:

Gene Summary: This gene encodes a protein with a coiled-coil motif and a RING-H2 motif (C3H2C2) at its

carboxy-terminus. The RING motif is a zinc-binding domain found in a large set of proteins playing roles in diverse cellular processes including oncogenesis, development, signal transduction, and apoptosis. Multiple transcript variants encoding different isoforms have

been found for this gene. [provided by RefSeq, Dec 2008]