

Product datasheet for **RC203442**

RNF12 (RLIM) (NM_183353) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF12 (RLIM) (NM_183353) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RNF12
Synonyms:	MRX61; NY-REN-43; RNF12; TOKAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Chromatograms: https://cdn.origene.com/chromatograms/mk6569_e08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_183353

ORF Size: 1872 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.

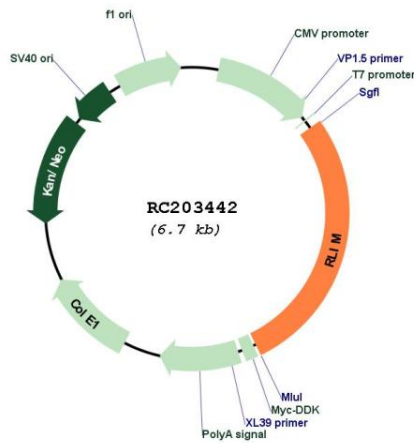
RefSeq: [NM_183353.3](#)

RefSeq Size: 10652 bp

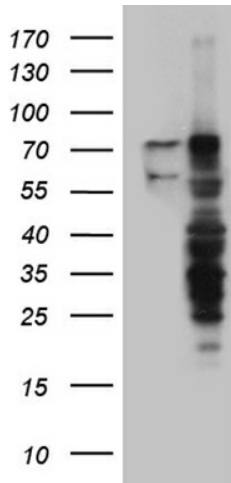
RefSeq ORF: 1875 bp

Locus ID: 51132
UniProt ID: [Q9NWW2](#)
Cytogenetics: Xq13.2
Protein Families: Druggable Genome, Transcription Factors
MW: 68.5 kDa
Gene Summary: The protein encoded by this gene is a RING-H2 zinc finger protein. It has been shown to be an E3 ubiquitin protein ligase that targets LIM domain binding 1 (LDB1/CLIM), and causes proteasome-dependent degradation of LDB1. This protein and LDB1 are co-repressors of LHX1/LIM-1, a homeodomain transcription factor. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Feb 2009]

Product images:



Circular map for RC203442



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY RLIM (Cat# RC203442, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RLIM (Cat# [TA811692])(1:2000).