

## OriGene Technologies, Inc.

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## Product datasheet for RC201440L4V

## RNF183 (NM\_145051) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Name:RNF183 (NM_145051) Human Tagged ORF Clone Lentiviral ParticleSymbol:RNF183Mammalian CellPuromycinSelection:Puenti-C-mGFP-P2A-Puro (PS100093)Vector:pLenti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_145051ORF Size:576 bpORF NucleotideThe nolecular sequence of this clone is exactly the same as(RC201440).Sequence: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 infoOTI Annotation:This Clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeqNM 145051.2, NP 659488.1RefSeq ORF:579 bpLocus ID:138065UniProt ID:096D59Cytogenetics:9q32Protein Families:0rugable Genome, TransmembraneMY:11, KDa	Product Type:	Lentiviral Particles
Symbol:RNF183Mammalian Cell Selection:PuromycinVector:pl.enti-C-mGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_145051ORF Size:576 bpORF Nucleotide Sequence:The NRF insert of this clone is exactly the same as(RC201440).OTI Disclaimer:The molecular sequence of this clone aligns with the gene accession number as a point of 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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeq:NM 145051.2, NP 659488.1RefSeq ORF:133065Locus ID:138065UniProt ID:096D55Cytogenetics:9q32Protein Families:0ruggable Genome, Transmembrane MW:MW:21.7 kDa	Product Name:	RNF183 (NM_145051) Human Tagged ORF Clone Lentiviral Particle
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<b>MW:</b> 21.7 kDa	Protein Families:	Druggable Genome, Transmembrane
	MW:	21.7 kDa



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Gene Summary:Acts as a E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto<br/>substrate proteins (PubMed:29507230). Triggers apoptosis in response to prolonged ER<br/>stress by mediating the polyubiquitination and subsequent proteasomal degradation of<br/>BCL2L1 (PubMed:29507230). May collaborate with FATE1 to restrain BIK protein levels thus<br/>regulating apoptotic signaling (PubMed:26567849).[UniProtKB/Swiss-Prot Function]

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