

## Product datasheet for **RC201440L4V**

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

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RNF183 (NM_145051) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RNF183
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145051
ORF Size:	576 bp
ORF Nucleotide Sequence:	The ORF 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 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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_145051.2</a> , <a href="#">NP_659488.1</a>
RefSeq Size:	1237 bp
RefSeq ORF:	579 bp
Locus ID:	138065
UniProt ID:	<a href="#">Q96D59</a>
Cytogenetics:	9q32
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 substrate proteins (PubMed:29507230). Triggers apoptosis in response to prolonged ER stress by mediating the polyubiquitination and subsequent proteasomal degradation of BCL2L1 (PubMed:29507230). May collaborate with FATE1 to restrain BIK protein levels thus regulating apoptotic signaling (PubMed:26567849).[UniProtKB/Swiss-Prot Function]