

## Product datasheet for **RC201682L4V**

### NET1 (NM\_005863) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NET1 (NM_005863) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NET1
Synonyms:	ARHGEF8; NET1A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005863
ORF Size:	1626 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201682).
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_005863.3</a>
RefSeq Size:	3906 bp
RefSeq ORF:	1629 bp
Locus ID:	10276
UniProt ID:	<a href="#">Q7Z628</a>
Cytogenetics:	10p15.1
Domains:	RhoGEF, PH
Protein Families:	Druggable Genome



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**MW:** 61.9 kDa

**Gene Summary:** This gene is part of the family of Rho guanine nucleotide exchange factors. Members of this family activate Rho proteins by catalyzing the exchange of GDP for GTP. The protein encoded by this gene interacts with RhoA within the cell nucleus and may play a role in repairing DNA damage after ionizing radiation. Pseudogenes of this gene are located on the long arms of chromosomes 1, 7 and 18. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]