

## Product datasheet for **RC207614L2V**

### Vesicle docking protein p115 (USO1) (NM\_003715) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Vesicle docking protein p115 (USO1) (NM_003715) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Vesicle docking protein p115
Synonyms:	P115; TAP; VDP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003715
ORF Size:	2886 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207614).
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_003715.2</a> , <a href="#">NP_003706.1</a>
RefSeq Size:	3998 bp
RefSeq ORF:	2889 bp
Locus ID:	8615
UniProt ID:	<a href="#">O60763</a>
Cytogenetics:	4q21.1
Domains:	Uso1_p115_head, Uso1_p115_C


[View online »](#)

**MW:** 107.7 kDa

**Gene Summary:** The protein encoded by this gene is a peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase. It is regulated by phosphorylation: dephosphorylated protein associates with the Golgi membrane and dissociates from the membrane upon phosphorylation. Ras-associated protein 1 recruits this protein to coat protein complex II (COPII) vesicles during budding from the endoplasmic reticulum, where it interacts with a set of COPII vesicle-associated SNAREs to form a cis-SNARE complex that promotes targeting to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]