

## Product datasheet for **RC207501L4V**

### **Centaurin alpha 2 (ADAP2) (NM\_018404) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Centaurin alpha 2 (ADAP2) (NM_018404) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Centaurin alpha 2
Synonyms:	cent-b; CENTA2; HSA272195
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018404
ORF Size:	1392 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207501).
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_018404.2</a>
RefSeq Size:	2757 bp
RefSeq ORF:	1146 bp
Locus ID:	55803
UniProt ID:	<a href="#">Q9NPF8</a>
Cytogenetics:	17q11.2
Domains:	ArfGap, PH
MW:	44.2 kDa



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**Gene Summary:**

The protein encoded by this gene binds beta-tubulin and increases the stability of microtubules. The encoded protein can also translocate to the cell membrane and bind phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4). In addition, this protein is a GTPase-activating protein for ADP ribosylation factor 6 and may be able to block the entry of some RNA viruses. [provided by RefSeq, Oct 2016]