

## Product datasheet for **RC200919L4V**

### **PRAS40 (AKT1S1) (NM\_032375) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PRAS40 (AKT1S1) (NM_032375) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRAS40
Synonyms:	Lobe; PRAS40
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032375
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200919).
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_032375.2</a> , <a href="#">NP_115751.1</a>
RefSeq Size:	2344 bp
RefSeq ORF:	831 bp
Locus ID:	84335
UniProt ID:	<a href="#">Q96B36</a>
Cytogenetics:	19q13.33
MW:	27.2 kDa



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**Gene Summary:**

AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when phosphorylated (Kovacina et al., 2003 [PubMed 12524439]). [supplied by OMIM, Mar 2008]