

Product datasheet for **RC212329L4V**

ARAP1 (NM_001040118) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARAP1 (NM_001040118) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARAP1
Synonyms:	CENTD2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001040118
ORF Size:	4350 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212329).
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. More info
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:	NM_001040118.1 , NP_001035207.1
RefSeq Size:	4948 bp
RefSeq ORF:	4353 bp
Locus ID:	116985
UniProt ID:	Q96P48
Cytogenetics:	11q13.4
Protein Pathways:	Endocytosis
MW:	162 kDa



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Gene Summary:

The protein encoded by this gene contains SAM, ARF-GAP, RHO-GAP, ankyrin repeat, RAS-associating, and pleckstrin homology (PH) domains. In vitro, this protein displays RHO-GAP and phosphatidylinositol (3,4,5) trisphosphate (PIP3)-dependent ARF-GAP activity. The encoded protein associates with the Golgi, and the ARF-GAP activity mediates changes in the Golgi and the formation of filopodia. It is thought to regulate the cell-specific trafficking of a receptor protein involved in apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]