

Product datasheet for **RC229057L4V**

DLC1 (NM_001164271) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DLC1 (NM_001164271) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DLC1
Synonyms:	ARHGAP7; HP; p122-RhoGAP; STARD12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164271
ORF Size:	3051 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229057).
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_001164271.1 , NP_001157743.1
RefSeq Size:	5786 bp
RefSeq ORF:	3054 bp
Locus ID:	10395
UniProt ID:	Q96QB1
Cytogenetics:	8p22
MW:	114.2 kDa


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Gene Summary:

This gene encodes a GTPase-activating protein (GAP) that is a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins. GAP family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. This gene functions as a tumor suppressor gene in a number of common cancers, including prostate, lung, colorectal, and breast cancers. Multiple transcript variants due to alternative promoters and alternative splicing have been found for this gene.[provided by RefSeq, Apr 2010]