

Product datasheet for **RC213085L4V**

DRAM2 (NM_178454) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DRAM2 (NM_178454) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DRAM2
Synonyms:	CORD21; PRO180; TMEM77; WWFQ154
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178454
ORF Size:	798 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213085).
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_178454.2
RefSeq Size:	1761 bp
RefSeq ORF:	801 bp
Locus ID:	128338
UniProt ID:	Q6UX65
Cytogenetics:	1p13.3
Protein Families:	Transmembrane
MW:	29.6 kDa



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Gene Summary:

The protein encoded by this gene binds microtubule-associated protein 1 light chain 3 and is required for autophagy. Defects in this gene are a cause of retinal dystrophy. In addition, two microRNAs (microRNA 125b-1 and microRNA 144) can bind to the mRNA of this gene and produce the disease state. [provided by RefSeq, Mar 2017]