

Product datasheet for **RC203227L3V**

Density Regulated Protein (DENR) (NM_003677) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Density Regulated Protein (DENR) (NM_003677) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Density Regulated Protein
Synonyms:	DRP; DRP1; SMAP-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003677
ORF Size:	594 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203227).
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_003677.3
RefSeq Size:	3061 bp
RefSeq ORF:	597 bp
Locus ID:	8562
UniProt ID:	O43583
Cytogenetics:	12q24.31
MW:	22.1 kDa



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Gene Summary:

This gene encodes a protein whose expression was found to increase in cultured cells at high density but not during growth arrest. This gene was also shown to have increased expression in cells overexpressing HER-2/neu proto-oncogene. The protein contains an SUI1 domain. In budding yeast, SUI1 is a translation initiation factor that along with eIF-2 and the initiator tRNA-Met, directs the ribosome to the proper translation start site. Proteins similar to SUI have been found in mammals, insects, and plants. [provided by RefSeq, Jul 2008]