

Product datasheet for **RC200184L3V**

GNL2 (NM_013285) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GNL2 (NM_013285) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GNL2
Synonyms:	HUMAUANTIG; Ngp-1; NGP1; Nog2; Nug2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013285
ORF Size:	2193 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200184).
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_013285.2
RefSeq Size:	2419 bp
RefSeq ORF:	2196 bp
Locus ID:	29889
UniProt ID:	Q13823
Cytogenetics:	1p34.3
Domains:	MMR_HSR1
MW:	83.7 kDa


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Gene Summary:

GTPase that associates with pre-60S ribosomal subunits in the nucleolus and is required for their nuclear export and maturation (By similarity). May promote cell proliferation possibly by increasing p53/TP53 protein levels, and consequently those of its downstream product CDKN1A/p21, and decreasing RPL23A protein levels (PubMed:26203195).[UniProtKB/Swiss-Prot Function]