

Product datasheet for **RC218988L4V**

GRIM19 (NDUFA13) (NM_015965) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GRIM19 (NDUFA13) (NM_015965) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GRIM19
Synonyms:	B16.6; CDA016; CGI-39; GRIM-19; GRIM19; MC1DN28
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015965
ORF Size:	681 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218988).
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_015965.3
RefSeq Size:	1023 bp
RefSeq ORF:	435 bp
Locus ID:	51079
UniProt ID:	Q9P0J0
Cytogenetics:	19p13.11
Protein Families:	Transcription Factors, Transmembrane
MW:	25.82 kDa



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Gene Summary:

This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers and activators of transcription 3 (STAT3) transcription factor, and can function as a tumor suppressor. The human protein purified from mitochondria migrates at approximately 16 kDa. Transcripts originating from an upstream promoter and capable of expressing a protein with a longer N-terminus have been found, but their biological validity has not been determined. [provided by RefSeq, Oct 2009]