

Product datasheet for **RC205089L4V**

Endo G (ENDOG) (NM_004435) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Endo G (ENDOG) (NM_004435) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Endo G
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004435
ORF Size:	891 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205089).
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_004435.2 , NP_004426.2
RefSeq Size:	1145 bp
RefSeq ORF:	894 bp
Locus ID:	2021
UniProt ID:	Q14249
Cytogenetics:	9q34.11
Domains:	Endonuclease
Protein Families:	Druggable Genome
Protein Pathways:	Apoptosis


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MW: 32.6 kDa

Gene Summary: The protein encoded by this gene is a nuclear encoded endonuclease that is localized in the mitochondrion. The encoded protein is widely distributed among animals and cleaves DNA at GC tracts. This protein is capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA. [provided by RefSeq, Jul 2008]