

Product datasheet for RC205089L3V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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 Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_004435

ORF Size: 891 bp

ORF Nucleotide

OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC205089).

Sequence:

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: <u>NM 004435.2</u>, <u>NP 004426.2</u>

 RefSeq Size:
 1145 bp

 RefSeq ORF:
 894 bp

 Locus ID:
 2021

 UniProt ID:
 Q14249

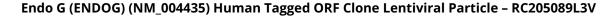
Cytogenetics: 9q34.11

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]