

Product datasheet for RC221955L1V

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

OVCA1 (DPH1) (NM_001383) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: OVCA1 (DPH1) (NM_001383) Human Tagged ORF Clone Lentiviral Particle

Symbol: OVCA1

Synonyms: DEDSSH; DPH2L; DPH2L1; OVCA1

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_001383

ORF Size: 1329 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC221955).

OTI Disclaimer:

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 001383.3</u>

 RefSeq Size:
 2200 bp

 RefSeq ORF:
 1317 bp

 Locus ID:
 1801

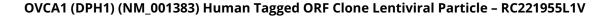
 UniProt ID:
 Q9BZG8

 Cytogenetics:
 17p13.3

Domains: Diphthamide_syn

MW: 48.6 kDa







Gene Summary:

The protein encoded by this gene is an enzyme involved in the biosynthesis of diphthamide, a modified histidine found only in elongation factor-2 (EEF2). Diphthamide residues in EEF2 are targeted for ADP-ribosylation by diphtheria toxin and Pseudomonas exotoxin A. Defects in this gene have been associated with both ovarian cancer and autosomal recessive intellectual disability with short stature, craniofacial, and ectodermal anomalies. [provided by RefSeq, Oct 2016]