

Product datasheet for RC206162L3V

OriGene Technologies, Inc.

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HMGCLL1 (NM_001042406) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: HMGCLL1 (NM_001042406) Human Tagged ORF Clone Lentiviral Particle

Symbol: HMGCLL1

Synonyms: bA418P12.1; er-cHL

Mammalian Cell

Selection:

Puromycin

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

Tag: Myc-DDK

ACCN: NM_001042406

ORF Size: 1020 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC206162).

Sequence:

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: <u>NM 001042406.1</u>

 RefSeq Size:
 2481 bp

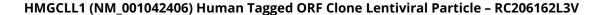
 RefSeq ORF:
 1023 bp

 Locus ID:
 54511

 UniProt ID:
 Q8TB92

Cytogenetics: 6p12.1 MW: 36.3 kDa







Gene Summary:

Non-mitochondrial 3-hydroxymethyl-3-methylglutaryl-CoA lyase that catalyzes a cation-dependent cleavage of (S)-3-hydroxy-3-methylglutaryl-CoA into acetyl-CoA and acetoacetate, a key step in ketogenesis, the products of which support energy production in nonhepatic animal tissues.[UniProtKB/Swiss-Prot Function]