

Product datasheet for RC205213L2V

OriGene Technologies, Inc.

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Monocarboxylic acid transporter 1 (SLC16A1) (NM_003051) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Monocarboxylic acid transporter 1 (SLC16A1) (NM_003051) Human Tagged ORF Clone

Lentiviral Particle

Symbol: Monocarboxylic acid transporter 1

Synonyms: HHF7; MCT; MCT1D

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_003051 **ORF Size:** 1500 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC205213).

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 003051.3</u>

 RefSeq Size:
 3927 bp

 RefSeq ORF:
 1503 bp

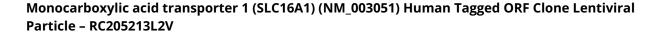
 Locus ID:
 6566

 UniProt ID:
 P53985

Cytogenetics: 1p13.2

Protein Families: Transmembrane







MW: 53.9 kDa

Gene Summary: The protein encoded by this gene is a proton-linked monocarboxylate transporter that

catalyzes the movement of many monocarboxylates, such as lactate and pyruvate, across the plasma membrane. Mutations in this gene are associated with erythrocyte lactate transporter defect. Alternatively spliced transcript variants have been found for this gene.[provided by

RefSeq, Oct 2009]