

Product datasheet for RC210568L2V

OriGene Technologies, Inc.

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DMT1 (SLC11A2) (NM 000617) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: DMT1 (SLC11A2) (NM_000617) Human Tagged ORF Clone Lentiviral Particle

Symbol:

AHMIO1; DCT1; DMT1; NRAMP2 Synonyms:

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

mGFP Tag:

NM 000617 ACCN: **ORF Size:** 1683 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC210568).

Sequence:

Domains:

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 000617.1

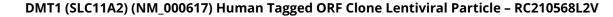
RefSeq Size: 4164 bp RefSeq ORF: 1686 bp Locus ID: 4891 **UniProt ID:** P49281

Cytogenetics: 12q13.12

Nramp

Protein Families: Transmembrane







Protein Pathways: Lysosome

MW: 61.5 kDa

Gene Summary: This gene encodes a member of the solute carrier family 11 protein family. The product of

this gene transports divalent metals and is involved in iron absorption. Mutations in this gene are associated with hypochromic microcytic anemia with iron overload. A related solute carrier family 11 protein gene is located on chromosome 2. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2010]