

Product datasheet for **RC231135L4V**

NIT1 (NM_001185094) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Symbol: NIT1

Mammalian Cell Selection: Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001185094

ORF Size: 873 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC231135).

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_001185094.1](#), [NP_001172023.1](#)

RefSeq ORF: 876 bp

Locus ID: 4817

UniProt ID: [Q86X76](#)

Cytogenetics: 1q23.3

MW: 32.3 kDa



Gene Summary:

This gene encodes a member of the nitrilase protein family with homology to bacterial and plant nitrilases, enzymes that cleave nitriles and organic amides to the corresponding carboxylic acids plus ammonia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]