Product datasheet for RC231096L4V

C16orf57 (USB1) (NM_001195302) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C16orf57 (USB1) (NM_001195302) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C16orf57
Synonyms:	C16orf57; hUsb1; HVSL1; Mpn1; PN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001195302
ORF Size:	741 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC231096).
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_001195302.1
RefSeq ORF:	744 bp
Locus ID:	79650
UniProt ID:	Q9BQ65
Cytogenetics:	16q21
MW:	28.5 kDa

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Gene Summary: This gene encodes a protein with several conserved domains, however, its exact function is not known. Mutations in this gene are associated with poikiloderma with neutropenia (PN), which shows phenotypic overlap with Rothmund-Thomson syndrome (RTS) caused by mutations in the RECQL4 gene. It is believed that this gene product interacts with RECQL4 protein via SMAD4 proteins, explaining the partial clinical overlap between PN and RTS. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Mar 2011]