

## Product datasheet for **RC216161L3V**

### PRX (NM\_020956) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PRX (NM_020956) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRX
Synonyms:	CMT4F
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_020956
ORF Size:	383 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216161).
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. <a href="#">More info</a>
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:	<a href="#">NM_020956.1</a>
RefSeq Size:	5502 bp
RefSeq ORF:	444 bp
Locus ID:	57716
UniProt ID:	<a href="#">Q9BXM0</a>
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome
MW:	15.8 kDa



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**Gene Summary:**

This gene encodes a protein involved in peripheral nerve myelin upkeep. The encoded protein contains 2 PDZ domains which were named after PSD95 (post synaptic density protein), DlgA (Drosophila disc large tumor suppressor), and ZO1 (a mammalian tight junction protein). Two alternatively spliced transcript variants have been described for this gene which encode different protein isoforms and which are targeted differently in the Schwann cell. Mutations in this gene cause Charcot-Marie-Tooth neuropathy, type 4F and Dejerine-Sottas neuropathy. [provided by RefSeq, Jul 2008]