

## Product datasheet for **RC202036L4V**

### PEX10 (NM\_002617) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PEX10 (NM_002617) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PEX10
Synonyms:	NALD; PBD6A; PBD6B; RNF69
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002617
ORF Size:	978 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202036).
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_002617.3</a>
RefSeq Size:	2034 bp
RefSeq ORF:	981 bp
Locus ID:	5192
UniProt ID:	<a href="#">O60683</a>
Cytogenetics:	1p36.32
Domains:	RING, Pex2_Pex12
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 37.1 kDa

**Gene Summary:** This gene encodes a protein involved in import of peroxisomal matrix proteins. This protein localizes to the peroxisomal membrane. Mutations in this gene result in phenotypes within the Zellweger spectrum of peroxisomal biogenesis disorders, ranging from neonatal adrenoleukodystrophy to Zellweger syndrome. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]