

## Product datasheet for **RC208361L1V**

### PEX6 (NM\_000287) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PEX6 (NM_000287) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PEX6
Synonyms:	HMLR2; PAF-2; PAF2; PBD4A; PDB4B; PXAAA1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000287
ORF Size:	2940 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208361).
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_000287.2</a>
RefSeq Size:	3514 bp
RefSeq ORF:	2943 bp
Locus ID:	5190
UniProt ID:	<a href="#">Q13608</a>
Cytogenetics:	6p21.1
Domains:	AAA, AAA
Protein Families:	Druggable Genome



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**MW:** 104.1 kDa

**Gene Summary:** This gene encodes a member of the AAA (ATPases associated with diverse cellular activities) family of ATPases. This member is a predominantly cytoplasmic protein, which plays a direct role in peroxisomal protein import and is required for PTS1 (peroxisomal targeting signal 1, a C-terminal tripeptide of the sequence ser-lys-leu) receptor activity. Mutations in this gene cause peroxisome biogenesis disorders of complementation group 4 and complementation group 6. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]