

Product datasheet for **MR225154L4V**

Pex19 (NM_001159525) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pex19 (NM_001159525) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pex19
Synonyms:	Pxf
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001159525
ORF Size:	621 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225154).
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_001159525.1 , NP_001152997.1
RefSeq Size:	2855 bp
RefSeq ORF:	624 bp
Locus ID:	19298
UniProt ID:	Q8VCI5
Cytogenetics:	1 79.54 cM



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Gene Summary:

Necessary for early peroxisomal biogenesis. Acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Binds and stabilizes newly synthesized PMPs in the cytoplasm by interacting with their hydrophobic membrane-spanning domains, and targets them to the peroxisome membrane by binding to the integral membrane protein PEX3. Excludes CDKN2A from the nucleus and prevents its interaction with MDM2, which results in active degradation of TP53.[UniProtKB/Swiss-Prot Function]