

Product datasheet for **MR203775L4V**

Plekhf1 (NM_024413) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plekhf1 (NM_024413) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plekhf1
Synonyms:	1810013P09Rik; APPD; LAPF; PHAFIN1; ZFYVE15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024413
ORF Size:	840 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203775).
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_024413.1 , NP_077724.1
RefSeq Size:	1559 bp
RefSeq ORF:	840 bp
Locus ID:	72287
UniProt ID:	Q3TB82
Cytogenetics:	7 B3



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Gene Summary:

May induce apoptosis through the lysosomal-mitochondrial pathway. Translocates to the lysosome initiating the permeabilization of lysosomal membrane (LMP) and resulting in the release of CTSD and CTSL to the cytoplasm. Triggers the caspase-independent apoptosis by altering mitochondrial membrane permeabilization (MMP) resulting in the release of PDCD8 (By similarity).[UniProtKB/Swiss-Prot Function]