

## Product datasheet for **MR203508L4V**

### Apool (NM\_026565) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Apool (NM_026565) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Apool
Synonyms:	6720473G16Rik; 9430083G14Rik; E130106L15Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026565
ORF Size:	798 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203508).
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_026565.2</a> , <a href="#">NP_080841.1</a>
RefSeq Size:	1001 bp
RefSeq ORF:	798 bp
Locus ID:	68117
UniProt ID:	<a href="#">Q78IK4</a>
Cytogenetics:	X E1



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**Gene Summary:**

Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Specifically binds to cardiolipin (in vitro) but not to the precursor lipid phosphatidylglycerol. Plays a crucial role in crista junction formation and mitochondrial function.[UniProtKB/Swiss-Prot Function]