

Product datasheet for **MR226529L4V**

Apaf1 (NM_001042558) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apaf1 (NM_001042558) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Apaf1
Synonyms:	6230400I06Rik; Apaf-1; Apaf1I; fog; mKIAA0413
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001042558
ORF Size:	3747 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226529).
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_001042558.1 , NP_001036023.1
RefSeq Size:	6557 bp
RefSeq ORF:	3750 bp
Locus ID:	11783
UniProt ID:	O88879
Cytogenetics:	10 45.47 cM
Gene Summary:	Oligomeric Apaf-1 mediates the cytochrome c-dependent autocatalytic activation of pro-caspase-9 (Apaf-3), leading to the activation of caspase-3 and apoptosis. This activation requires ATP (By similarity).[UniProtKB/Swiss-Prot Function]



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