

## Product datasheet for **MR226737L4V**

### Ar (NM\_013476) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ar (NM_013476) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ar
Synonyms:	AW320017; Tfm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013476
ORF Size:	2697 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226737).
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_013476.3</a>
RefSeq Size:	2999 bp
RefSeq ORF:	2700 bp
Locus ID:	11835
UniProt ID:	<a href="#">P19091</a>
Cytogenetics:	X 42.82 cM



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**Gene Summary:**

This gene encodes a nuclear hormone receptor containing zinc finger and DNA-binding domains. The encoded protein is a key regulator of signalling by androgens, a class of steroid hormones involved in male reproductive development. The protein responds to hormone signalling by translocating to the nucleus, forming dimers, and binding to androgen response elements (AREs) in the promoters of target genes, which are subsequently transcriptionally activated. Activity of this protein is negatively regulated by nuclear receptor subfamily 0 group B member 1 (Nr0b1, also known as Dax1). Mutations in this gene result in feminized genitals and infertility in male animals. Loss of function in female animals also causes problems in reproductive development and function. [provided by RefSeq, May 2015]