

Product datasheet for **MR205369L4V**

Foxa3 (NM_008260) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Foxa3 (NM_008260) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Foxa3
Synonyms:	Hnf-3g; Hnf3g; Tcf-3g; Tcf3g
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008260
ORF Size:	1062 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205369).
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_008260.2 , NP_032286.1
RefSeq Size:	2039 bp
RefSeq ORF:	1062 bp
Locus ID:	15377
UniProt ID:	P35584
Cytogenetics:	7 9.46 cM



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Gene Summary:

Transcription factor that is thought to act as a 'pioneer' factor opening the compacted chromatin for other proteins through interactions with nucleosomal core histones and thereby replacing linker histones at target enhancer and/or promoter sites (By similarity). Originally described as a transcription activator for a number of liver genes such as AFP, albumin, tyrosine aminotransferase, PEPCK, etc. Interacts with the cis-acting regulatory regions of these genes. Involved in glucose homeostasis; activates GLUT2 transcription. Involved in regulation of neuronal-specific transcription. Involved in regulation of spermatogenesis; required for the maintenance of the testicular germ cell population and male fertility.[UniProtKB/Swiss-Prot Function]