

Product datasheet for **MR206700L3V**

Foxj1 (NM_008240) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Foxj1 (NM_008240) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Foxj1
Synonyms:	FKHL-13; HFH-4; Hfh4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008240
ORF Size:	1266 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206700).
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_008240.2 , NP_032266.2
RefSeq Size:	2599 bp
RefSeq ORF:	1266 bp
Locus ID:	15223
UniProt ID:	Q61660
Cytogenetics:	11 81.16 cM



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Gene Summary:

Transcription factor specifically required for the formation of motile cilia (PubMed:9096351, PubMed:9739041, PubMed:10873152, PubMed:14996907, PubMed:22357932, PubMed:27965440). Acts by activating transcription of genes that mediate assembly of motile cilia, such as CFAP157 (PubMed:27965440). Binds the DNA consensus sequences 5'-HWDTGTTTGTTA-3' or 5'-KTTTGTTGTTKW-3' (where H is not G, W is A or T, D is not C, and K is G or T) (PubMed:9096351). Activates the transcription of a variety of ciliary proteins in the developing brain and lung (PubMed:28666954, PubMed:27914912).[UniProtKB/Swiss-Prot Function]