

Product datasheet for **MR209962L4V**

Ift81 (NM_009879) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ift81 (NM_009879) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ift81
Synonyms:	AW060663; Cdv-1; Cdv-1r; Cdv1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009879
ORF Size:	2031 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209962).
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_009879.2
RefSeq Size:	2957 bp
RefSeq ORF:	2031 bp
Locus ID:	12589
UniProt ID:	O35594
Cytogenetics:	5 62.44 cM



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Gene Summary:

Component of the intraflagellar transport (IFT) complex B: together with IFT74, forms a tubulin-binding module that specifically mediates transport of tubulin within the cilium. Binds tubulin via its CH (calponin-homology)-like region. Required for ciliogenesis. Required for proper regulation of SHH signaling.[UniProtKB/Swiss-Prot Function]