

Product datasheet for **MR207753L4V**

Irx5 (NM_018826) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Irx5 (NM_018826) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Irx5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018826
ORF Size:	1455 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207753).
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_018826.2 , NP_061296.1
RefSeq Size:	2421 bp
RefSeq ORF:	1455 bp
Locus ID:	54352
UniProt ID:	Q9JKQ4
Cytogenetics:	8 44.93 cM



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Gene Summary:

Establishes the cardiac repolarization gradient by its repressive actions on the KCND2 potassium-channel gene. Required for retinal cone bipolar cell differentiation. May regulate contrast adaptation in the retina and control specific aspects of visual function in circuits of the mammalian retina. Involved in craniofacial and gonadal development (By similarity). Modulates the migration of progenitor cell populations in branchial arches and gonads by repressing CXCL12.[UniProtKB/Swiss-Prot Function]