

Product datasheet for **MR206798L4V**

Chrdl2 (NM_133709) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Chrdl2 (NM_133709) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Chrdl2
Synonyms:	1810022C01Rik; Chl2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133709
ORF Size:	1281 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206798).
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_133709.2 , NP_598470.2
RefSeq Size:	1520 bp
RefSeq ORF:	1281 bp
Locus ID:	69121
UniProt ID:	Q8VEA6
Cytogenetics:	7 E2



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Gene Summary:

Implicated in tumor angiogenesis (By similarity). May inhibits BMPs activity by blocking their interaction with their receptors. Has a negative regulator effect on the cartilage formation/regeneration from immature mesenchymal cells, by preventing or reducing the rate of matrix accumulation. May play a role during myoblast and osteoblast differentiation, and maturation.[UniProtKB/Swiss-Prot Function]