

Product datasheet for **MR223836L4V**

Whrn (NM_028640) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Whrn (NM_028640) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Whrn
Synonyms:	1110035G07Rik; AW122018; AW742671; C430046P22Rik; Dfnb3; Dfnb31; Ush2; Ush2d; w; wi
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028640
ORF Size:	2724 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223836).
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_028640.1 , NP_082916.1
RefSeq Size:	4056 bp
RefSeq ORF:	2724 bp
Locus ID:	73750
UniProt ID:	Q80VW5
Cytogenetics:	4 33.97 cM



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Gene Summary:

This gene encodes a protein required for elongation and actin polymerization in the hair cell stereocilia. The encoded protein is localized to the cytoplasm and co-localizes with the growing end of actin filaments. Mutations in this gene have been linked to deafness. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]