

Product datasheet for **MR203471L4V**

Mip (NM_008600) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mip (NM_008600) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mip
Synonyms:	Aqp0; Cat; Cts; Hfi; Lop; MIP26; MP26; shrivelled; Svl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008600
ORF Size:	792 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203471).
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_008600.2 , NP_032626.2
RefSeq Size:	2143 bp
RefSeq ORF:	792 bp
Locus ID:	17339
UniProt ID:	P51180
Cytogenetics:	10 76.49 cM



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Gene Summary:

Water channel. Channel activity is down-regulated by CALM when cytoplasmic Ca(2+) levels are increased. May be responsible for regulating the osmolarity of the lens. Interactions between homotetramers from adjoining membranes may stabilize cell junctions in the eye lens core.[UniProtKB/Swiss-Prot Function]