

Product datasheet for **MR219040L4V**

Cabp2 (NM_013878) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Cabp2
Synonyms:	MGC129493
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013878
ORF Size:	648 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR219040).

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_013878.2 , NP_038906.2
RefSeq Size:	934 bp
RefSeq ORF:	666 bp
Locus ID:	29866
UniProt ID:	Q9JLK4
Cytogenetics:	19 A



Gene Summary:

Required for sound encoding at inner hair cells (IHCs) synapses, likely via inhibition of the inactivation of voltage-gated calcium channel of type 1.3 (Cav1.3) in the IHCs (PubMed:28183797). Required for the normal transfer of light signals through the retina (PubMed:27822497).[UniProtKB/Swiss-Prot Function]