

Product datasheet for **MR221930L4V**

Cntnap2 (NM_001004357) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Cntnap2
Synonyms:	5430425M22Rik; Caspr2; mKIAA0868
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001004357
ORF Size:	3996 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR221930).

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_001004357.2 , NP_001004357.2
RefSeq Size:	7002 bp
RefSeq ORF:	3999 bp
Locus ID:	66797
UniProt ID:	Q9CPW0
Cytogenetics:	6 B2.2- B2.3



Gene Summary:

Required, with CNTNAP1, for radial and longitudinal organization of myelinated axons (PubMed:25378149). Plays a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers. Demarcates the juxtaparanodal region of the axo-glial junction (Probable) (PubMed:25378149). [UniProtKB/Swiss-Prot Function]