

Product datasheet for **MR223061L4V**

Cntnap1 (NM_016782) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cntnap1 (NM_016782) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cntnap1
Synonyms:	AI841080; Caspr; NCP1; Nrnx4; p190; shm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016782
ORF Size:	4155 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223061).
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_016782.2 , NP_058062.2
RefSeq Size:	5360 bp
RefSeq ORF:	4158 bp
Locus ID:	53321
UniProt ID:	O54991
Cytogenetics:	11 D



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Gene Summary:

Required, with CNTNAP2, 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 paranodal region of the axo-glial junction. In association with contactin involved in the signaling between axons and myelinating glial cells (PubMed:25378149, PubMed:11395000).[UniProtKB/Swiss-Prot Function]