

Product datasheet for **MR209321L4V**

Dtnb (NM_007886) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Dtnb
Synonyms:	dtn-b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007886
ORF Size:	1806 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR209321).

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:	<u>NM_007886.2</u>
RefSeq Size:	2326 bp
RefSeq ORF:	1809 bp
Locus ID:	13528
Cytogenetics:	12 1.88 cM



Gene Summary:

Scaffolding protein that assembles DMD and SNTA1 molecules to the basal membrane of kidney cells and liver sinusoids (PubMed:11585924). May function as a repressor of the SYN1 promoter through the binding of repressor element-1 (RE-1), in turn regulates SYN1 expression and may be involved in cell proliferation regulation during the early phase of neural differentiation (PubMed:20530487). May be required for proper maturation and function of a subset of inhibitory synapses (PubMed:16540561).[UniProtKB/Swiss-Prot Function]