

Product datasheet for **MR200586L4V**

Nppb (NM_008726) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nppb (NM_008726) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nppb
Synonyms:	AA408272; BNF; BNP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008726
ORF Size:	363 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200586).
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_008726.4
RefSeq Size:	797 bp
RefSeq ORF:	366 bp
Locus ID:	18158
UniProt ID:	P40753
Cytogenetics:	4 78.57 cM



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Gene Summary:

This gene encodes a secreted protein that belongs to the family of natriuretic peptides. Its precursor protein is processed to generate the active mature peptide. The mature peptide is a cardiac hormone that plays a role in ventricular remodeling as well as blood pressure regulation. Mice lacking this gene exhibit cardiac fibrosis. In humans this gene is associated with congestive heart failure, low bone-mineral density and postmenopausal osteoporosis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2013]