

Product datasheet for **MR226811L4V**

Npr1 (NM_008727) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Npr1 (NM_008727) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Npr1
Synonyms:	AI893888; GC-A; NPR-A; NPRA; Pndr
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008727
ORF Size:	3171 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226811).
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_008727.5 , NP_032753.5
RefSeq Size:	4065 bp
RefSeq ORF:	3174 bp
Locus ID:	18160
UniProt ID:	P18293
Cytogenetics:	3 39.23 cM



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Gene Summary:

Receptor for the atrial natriuretic peptide NPPA/ANP and the brain natriuretic peptide NPPB/BNP which are potent vasoactive hormones playing a key role in cardiovascular homeostasis. Has guanylate cyclase activity upon binding of the ligand.[UniProtKB/Swiss-Prot Function]