

## Product datasheet for **MR227616L3V**

### Npr3 (NM\_008728) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Npr3 (NM_008728) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Npr3
Synonyms:	ANP-C; ANPR-C; EF-2; Igj; NPR-C; stri
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008728
ORF Size:	1605 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227616).
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. <a href="#">More info</a>
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:	<a href="#">NM_008728.2</a> , <a href="#">NP_032754.2</a>
RefSeq Size:	6927 bp
RefSeq ORF:	1611 bp
Locus ID:	18162
UniProt ID:	<a href="#">P70180</a>
Cytogenetics:	15 5.83 cM


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**Gene Summary:**

Receptor for the natriuretic peptide hormones, binding with similar affinities atrial natriuretic peptide NPPA/ANP, brain natriuretic peptide NPPB/BNP, and C-type natriuretic peptide NPPC/CNP (PubMed:10377427, PubMed:17951249). May function as a clearance receptor for NPPA, NPPB and NPPC, regulating their local concentrations and effects (PubMed:10377427, PubMed:17951249). May regulate diuresis, blood pressure and skeletal development (PubMed:10377427). Does not have guanylate cyclase activity (PubMed:10377427). [UniProtKB/Swiss-Prot Function]