

# Product datasheet for RR210851L4

### Npepps (NM\_080395) Rat Tagged Lenti ORF Clone

#### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Npepps (NM_080395) Rat Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Npepps						
Synonyms:	Psa						
Mammalian Cell Selection:	Puromycin						
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)						
E. coli Selection:	Chloramphenicol (34 ug/mL)						
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR210851).						
<b>Restriction Sites:</b>	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling: Sgf I ORF Mlu I GCG ATC GC C ATG // NNN ACG CGT						

<u>Ecor I</u> CTATAGGGCGGCCGGGAATTCGTC		B <i>am</i> GGA1		GTACO	RI GAG	-	тста		 gf I	- C C A1	۲G - ۰	 01	₹F 
NNŇ	MI ACG T		ACG T		Noti <u>Xhoi</u> CGG CCG CTC GAG R P L E		ATG M	GFP GGG G	-	- <u></u>	 - <u>-</u> -	- <u></u>	
GGA CTC AGA GTT TGG G L R V	i GTA	GGA	AGC										

ACCN: ORF Size: NM\_080395 2760 bp



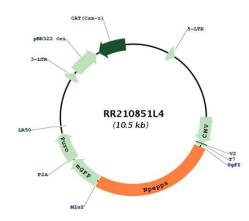
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\* The last codon before the Stop codon of the ORF.

	lpepps (NM_080395) Rat Tagged Lenti ORF Clone – RR210851L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Met	<ul> <li>chod: 1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ul>
RefSeq:	<u>NM 080395.1, NP 536320.1</u>
RefSeq Size:	4126 bp
RefSeq ORF:	2763 bp
Locus ID:	50558
Cytogenetics:	10q31
Gene Summary:	protein and enzyme activity are detected in the hippocampus at all developmental stages [RGD, Feb 2006]

## Product images:



Circular map for RR210851L4

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