

# Product datasheet for RR200624L4

### Nxph4 (NM\_021680) Rat Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	Nxph4 (NM_021680) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Nxph4
Synonyms:	Nph4
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(RR200624).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
6	Cloning sites used for ORF Shuttling:
	Sgf1         ORF         Mlu I            GCG ATC GC         ATG // NNÑ         ACG CGT

								_	Koz Conse	nsus	_				
EcoR I		Bam	HI		RE	3 <i>S</i>			S	gf I				OF	₹F
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGA	TCCGO	GTACC	GAG	GAGA	тстб	ccGC	cGCG	ATCG	C C AT	rg -			
	м	u I		Not I			10 I	mGFP Tag							
NNŇ	ACG T	CGT R	ACG T	CGG R	CCG P	СТС	GAG E	ATG M	AGC S	GGG G	GGC G	- :-	- :-		<u></u>
GGA CTC AGA GTT TGG G L R V	i GTA	GGA	AGC												

ACCN: ORF Size: NM\_021680 912 bp

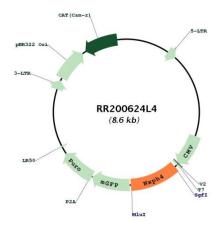


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\* The last codon before the Stop codon of the ORF.

	Nxph4 (NM_021680) Rat Tagged Lenti ORF Clone – RR200624L4
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 throug 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 M	<ul> <li>ethod: 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 liqui at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date or shipping when stored at -20°C.</li> </ul>
RefSeq:	<u>NM 021680.2, NP 067712.2</u>
RefSeq Size:	1617 bp
RefSeq ORF:	915 bp
Locus ID:	59316
UniProt ID:	<u>Q9Z2N4</u>
Cytogenetics:	7q22
Gene Summary:	member of a family of neuropeptide-like glycoproteins [RGD, Feb 2006]

## Product images:



Circular map for RR200624L4

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