

Product datasheet for RC201939L2

NMU (NM_006681) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	NMU (NM_006681) Human Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	NMU					
Mammalian Cell Selection:	None					
Vector:	pLenti-C-mGFP (PS100071)					
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF insert	t of th:	is clone	is exac	tly the sa	me as(RC201939).
Restriction Sites:	Sgfl-RsrII					
Cloning Scheme:		Cloning site	es used for ORF Sh	uttling:		
			Sgf I G ATC GC C ATG	ORF // NNN AG	Rsr II GC GGA CCG	
					Kozak Consensus	
	CTATAGGGCGGCCG	<u>EcoR I</u> GGGAATTCGTCC	BamH I GACTGGATCCGGTA	RBS ACCGAGGAGATCI	Sgf I IGCCGCCGCGATCGC C	ORF ATG

<u>Rsr II</u> <u>Mlu I</u> <u>Not I Xho I</u> mGFP Tag mGFP Tag MSG GGA CCG ACG CGT ACG CGG CG CTC GAG ATG AGC GGG GGC ------GGA CTC AGA TAA ACGGCCGGCCGCGGG <u>Pme I</u> ------- GGA CTC AGA TAA ACGGCCGGCCGCGGG

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

ACCN: ORF Size: NM_006681 522 bp

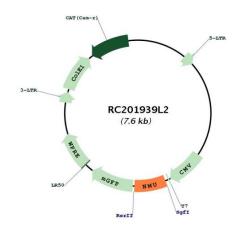


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STATE NMU (NM_006681) Human Tagged Lenti ORF Clone – RC201939L2				
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can 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 Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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. 			
RefSeq:	<u>NM 006681.1</u>			
RefSeq Size:	834 bp			
RefSeq ORF:	525 bp			
Locus ID:	10874			
UniProt ID:	<u>P48645</u>			
Cytogenetics:	4q12			
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane			
MW:	19.7 kDa			
Gene Summary:	This gene encodes a member of the neuromedin family of neuropeptides. The encoded protein is a precursor that is proteolytically processed to generate a biologically active neuropeptide that plays a role in pain, stress, immune-mediated inflammatory diseases and feeding regulation. Increased expression of this gene was observed in renal, pancreatic and lung cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. Some of these isoforms may undergo similar processing to generate the mature peptide. [provided by RefSeq, Jul 2015]			

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Product images:



Circular map for RC201939L2

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