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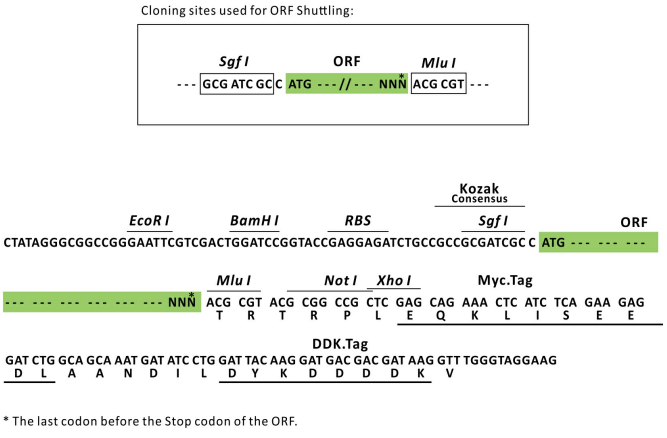
Product datasheet for MR219795L3

Pth2 (NM_053256) Mouse Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pth2 (NM_053256) Mouse Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	Pth2
Synonyms:	Tifp; Tifp39; TIP; Tip39
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219795).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

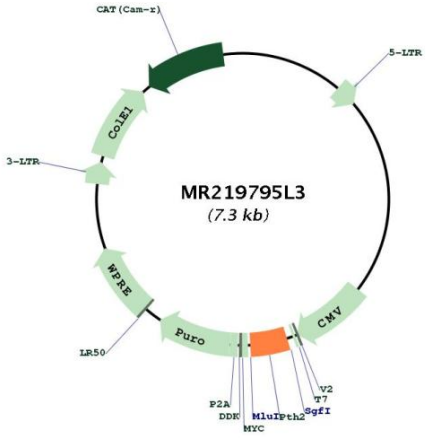


ACCN:	NM_053256
ORF Size:	300 bp

View online »

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.
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:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_053256.2, NP_444486.1
RefSeq Size:	569 bp
RefSeq ORF:	303 bp
Locus ID:	114640
UniProt ID:	Q91W27
Cytogenetics:	7 B3
Gene Summary:	This gene encodes the precursor of a peptide hormone that shares sequence similarity with the parathyroid hormone. This gene is expressed in various regions of the brain where it plays a role in the release of pituitary hormones, anxiety and nociception. The encoded precursor protein is proteolytically processed to generate the biologically active neuropeptide. Mice lacking the encoded protein display increased fear and anxiety after exposure to stressful events, and decreased sensitivity to pain. [provided by RefSeq, Aug 2015]

Product images:



Circular map for MR219795L3