

OriGene Technologies, Inc.

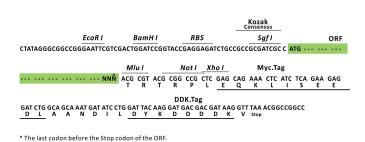
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Product datasheet for RC219952L1

Mupp1 (MPDZ) (NM_003829) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mupp1 (MPDZ) (NM_003829) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	Mupp1
Synonyms:	HYC2; MUPP1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219952).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	<i>Sgf I</i> ORF <i>Miu I</i> GCG ATC GCC ATG NNŇ ACG CGT



ACCN: ORF Size:

NM_003829

6123 bp



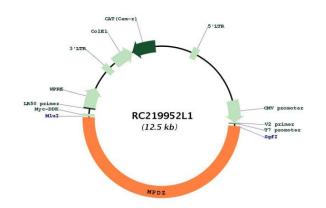
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ORIGENE Mupp1 (MPDZ) (NM_003829) Human Tagged Lenti ORF Clone – RC219952L1	
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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 Metho	 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 003829.4</u>
RefSeq Size:	7625 bp
RefSeq ORF:	6126 bp
Locus ID:	8777
UniProt ID:	<u>075970</u>
Cytogenetics:	9p23
Domains:	PDZ, L27
Protein Pathways:	Tight junction
MW:	219 kDa
Gene Summary:	The protein encoded by this gene has multiple PDZ domains, which are hallmarks of protein- protein interactions. The encoded protein is known to interact with the HTR2C receptor and may cause it to clump at the cell surface. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]

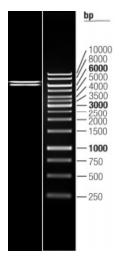
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Product images:



Circular map for RC219952L1



Double digestion of RC219952L1 using Sgfl and Mlul

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