

## Product datasheet for RC216023L3

## ANP32D (NM\_012404) Human Tagged Lenti ORF Clone

## **Product data:**

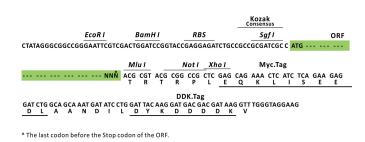
## Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

**OriGene Technologies, Inc.** 

CN: techsupport@origene.cn

9620 Medical Center Drive, Ste 200

Product Type:	Expression Plasmids
Product Name:	ANP32D (NM_012404) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	ANP32D
Synonyms:	PP32R2
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(RC216023).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf I ORF Mlu I
	GCG ATC GC ATG // NNN ACG CGT



ACCN: ORF Size: NM\_012404 393 bp



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Service ANP32D (NM_012404) Human Tagged Lenti ORF Clone – RC216023L3	
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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> </ol>
RefSeq:	<u>NM 012404.2</u>
RefSeq Size:	396 bp
RefSeq ORF:	396 bp
Locus ID:	23519
UniProt ID:	<u>095626</u>
Cytogenetics:	12q13.11
Domains:	LRR
MW:	14.6 kDa
Gene Summary:	Phosphoprotein 32 (PP32) is a tumor suppressor that can inhibit several types of cancers, including prostate and breast cancers. The protein encoded by this gene is one of at least two proteins that are similar in amino acid sequence to PP32 and are part of the same acidic nuclear phosphoprotein gene family. However, unlike PP32, the encoded protein is tumorigenic. The tumor suppressor function of PP32 has been localized to a 25 amino acid region that is absent in the protein encoded by this gene. This gene does not contain introns.

[provided by RefSeq, Jul 2008]

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