

Product datasheet for MR211755L3

Atn1 (NM_007881) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Atn1 (NM_007881) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Atn1

Synonyms: Atr1; atrophin-1; Drpla

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR211755).

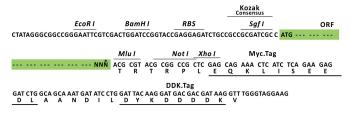
Sgfl-Mlul

Sequence:

cc.

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_007881

ORF Size: 3525 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

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

Atn1 (NM_007881) Mouse Tagged Lenti ORF Clone - MR211755L3

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: <u>NM 007881.4</u>, <u>NP 031907.2</u>

 RefSeq Size:
 4426 bp

 RefSeq ORF:
 3528 bp

 Locus ID:
 13498

 UniProt ID:
 035126

Cytogenetics: 6 59.17 cM

Gene Summary: Transcriptional corepressor. Corepressor of MTG8 transcriptional repression. Has some

intrinsic repression activity which is independent of the number of the poly-Q repeats (By similarity). Recruits NR2E1 to repress transcription. Promotes vascular smooth cell (VSMC)

migration and orientation.[UniProtKB/Swiss-Prot Function]