

OriGene Technologies, Inc.

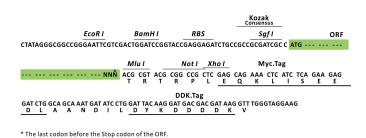
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for RC219318L3

hnRNP A2B1 (HNRNPA2B1) (NM_002137) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hnRNP A2B1 (HNRNPA2B1) (NM_002137) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	hnRNP A2B1
Synonyms:	HNRNPA2; HNRNPB1; HNRPA2; HNRPA2B1; HNRPB1; IBMPFD2; RNPA2; SNRPB1
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(RC219318).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf1 ORF Miu I GCG ATC GCC ATG / / NNÑ ACC GT



ACCN: ORF Size:

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NM_002137

1023 bp

	nRNP A2B1 (HNRNPA2B1) (NM_002137) Human Tagged Lenti ORF Clone – RC219318L3
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 Met	 hod: 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 002137.2</u>
RefSeq Size:	1714 bp
RefSeq ORF:	1026 bp
Locus ID:	3181
UniProt ID:	<u>P22626</u>
Cytogenetics:	7p15.2
Domains:	RRM
Protein Families:	Druggable Genome
MW:	35.8 kDa

~ \$%~

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Serigene hnRNP A2B1 (HNRNPA2B1) (NM_002137) Human Tagged Lenti ORF Clone – RC219318L3

Gene Summary:This gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear
ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with
heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the
nucleus and appear to influence pre-mRNA processing and other aspects of mRNA
metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to
shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic
acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM
domains that bind to RNAs. This gene has been described to generate two alternatively
spliced transcript variants which encode different isoforms. [provided by RefSeq, Jul 2008]

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