

Product datasheet for **RC203314L4V**

hnRNP A1 (HNRNPA1) (NM_002136) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	hnRNP A1 (HNRNPA1) (NM_002136) Human Tagged ORF Clone Lentiviral Particle
Symbol:	hnRNP A1
Synonyms:	ALS19; ALS20; hnRNP-A1; hnRNP A1; HNRPA1; HNRPA1L3; IBMPFD3; UP 1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002136
ORF Size:	960 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203314).
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.
RefSeq:	NM_002136.2
RefSeq Size:	1785 bp
RefSeq ORF:	963 bp
Locus ID:	3178
UniProt ID:	P09651
Cytogenetics:	12q13.13
Domains:	RRM
Protein Pathways:	Spliceosome



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MW: 34.2 kDa

Gene Summary: This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome. [provided by RefSeq, Feb 2016]