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Product datasheet for RC202020L2V

Matrin 3 (MATR3) (NM_199189) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Matrin 3 (MATR3) (NM_199189) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Matrin 3
Synonyms:	ALS21; MPD2; VCPDM
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_199189
ORF Size:	2541 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202020).
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_199189.1, NP_954659.1
RefSeq Size:	5604 bp
RefSeq ORF:	2544 bp
Locus ID:	9782
UniProt ID:	P43243
Cytogenetics:	5q31.2
MW:	94.6 kDa

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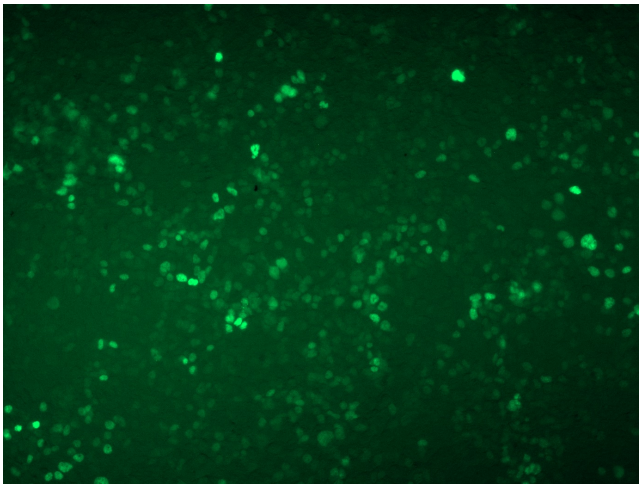
Gene Summary: This gene encodes a nuclear matrix protein, which is proposed to stabilize certain messenger RNA species. Mutations of this gene are associated with distal myopathy 2, which often includes vocal cord and pharyngeal weakness. Alternatively spliced transcript variants, including read-through transcripts composed of the upstream small nucleolar RNA host gene 4 (non-protein coding) and matrin 3 gene sequence, have been identified. Pseudogenes of this gene are located on chromosomes 1 and X. [provided by RefSeq, Aug 2013]

Product images:



[RC202020L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202020L2V particle to overexpress human MATR3-mGFP fusion protein.

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