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Product datasheet for RC202914L4V

STMN2 (NM_007029) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STMN2 (NM_007029) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STMN2
Synonyms:	SCG10; SCGN10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007029
ORF Size:	537 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202914).`
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_007029.2
RefSeq Size:	2232 bp
RefSeq ORF:	540 bp
Locus ID:	11075
UniProt ID:	Q93045
Cytogenetics:	8q21.13
Domains:	Stathmin
MW:	20.8 kDa

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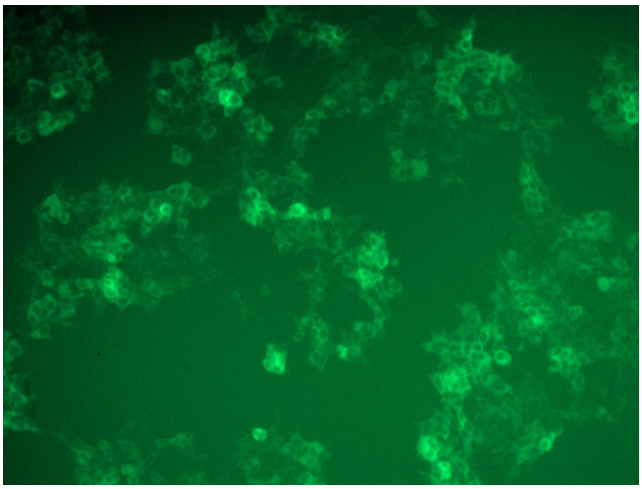
Gene Summary: This gene encodes a member of the stathmin family of phosphoproteins. Stathmin proteins function in microtubule dynamics and signal transduction. The encoded protein plays a regulatory role in neuronal growth and is also thought to be involved in osteogenesis. Reductions in the expression of this gene have been associated with Down's syndrome and Alzheimer's disease. Alternatively spliced transcript variants have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 6. [provided by RefSeq, Nov 2010]

Product images:



[RC202914L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202914L4V particle to overexpress human STMN2-mGFP fusion protein.

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