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Product datasheet for RC205073L2V

Stathmin 1 (STMN1) (NM_203401) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stathmin 1 (STMN1) (NM_203401) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Stathmin 1
Synonyms:	C1orf215; Lag; LAP18; OP18; PP17; PP19; PR22; SMN
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_203401
ORF Size:	447 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC205073).`
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_203401.1, NP_981946.1
RefSeq Size:	1730 bp
RefSeq ORF:	450 bp
Locus ID:	3925
UniProt ID:	P16949
Cytogenetics:	1p36.11
Protein Pathways:	MAPK signaling pathway
MW:	17.1 kDa

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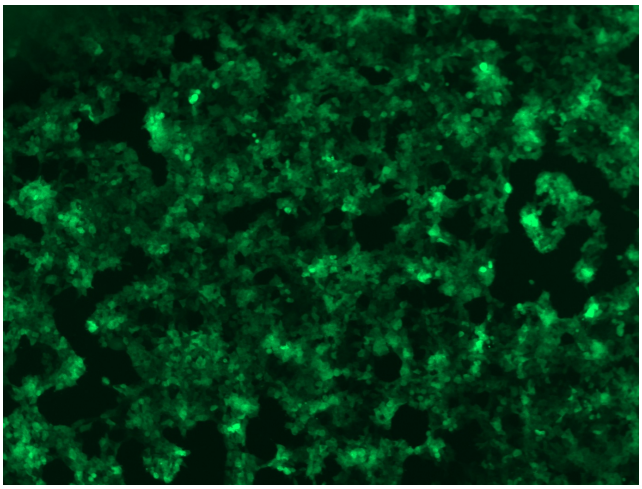
Gene Summary: This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2009]

Product images:



[RC205073L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC205073L2V particle to overexpress human STMN1-mGFP fusion protein.