Product datasheet for RC206133L2V

CATSPER1 (NM_053054) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CATSPER1 (NM_053054) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CATSPER1
Synonyms:	CATSPER; SPGF7
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_053054
ORF Size:	2340 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206133).
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_053054.2
RefSeq Size:	2634 bp
RefSeq ORF:	2343 bp
Locus ID:	117144
UniProt ID:	Q8NEC5
Cytogenetics:	11q13.1
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	90.2 kDa

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Gene Summary: Calcium ions play a primary role in the regulation of sperm motility. This gene belongs to a family of putative cation channels that are specific to spermatozoa and localize to the flagellum. The protein family features a single repeat with six membrane-spanning segments and a predicted calcium-selective pore region. [provided by RefSeq, Jul 2008]