

Product datasheet for **RC213786L4V**

CATSPER4 (NM_198137) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CATSPER4 (NM_198137) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CATSPER4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198137
ORF Size:	1418 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213786).
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_198137.1 , NP_937770.1
RefSeq Size:	1419 bp
RefSeq ORF:	1419 bp
Locus ID:	378807
UniProt ID:	Q7RTX7
Cytogenetics:	1p36.11
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	54.1 kDa



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Gene Summary:

Voltage-gated calcium channel that plays a central role in calcium-dependent physiological responses essential for successful fertilization, such as sperm hyperactivation, acrosome reaction and chemotaxis towards the oocyte.[UniProtKB/Swiss-Prot Function]