

## Product datasheet for **SC201237**

### **CATSPER2 (NM\_172095) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CATSPER2 (NM_172095) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CATSPER2
ACCN:	NM_172095
Insert Size:	2000 bp



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**Insert Sequence:** >SC201237 3'UTR clone of NM\_172095  
 The sequence shown below is from the reference sequence of NM\_172095. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGCACTGATGAACTTGGAAAGCAAGTAAAGCAATGGATGGCTTCAATATCCTTGGGCCAGCAAAG
ATAATGAAGGAATTGTTGGAAATAGAGAATTGAAATATAAACATTCAGATAGAACAATGTCTGTTC
TTAAAATAAAAAGTATAAGTGTCTAGGCCAGGCGTGGTAAACCTGTCTACTAAAAATACAAAA
AATTAGCTGGGTGTGGTGGCAGATGCTTGAATCATAGCTACTTTGGGAGCCTGAGGCAGGAGAATCACT
TGAACCTGGGAGTCAGAGTTGCACTGAGCCAAGATTGCACCACTGCACTCCAGCCTGGGCAACAGAGT
GAGACTCTGTATAAGTGTCTTATAAATACTCTGATAGCTGCTCAGTAGTGTGACCCTGAGATAAGGGA
TATTGAAAGGCATAAGGTCAAGTAAAAGAGTTAGTTCAAGCTGAGTGTGGTGATGTGTGCCTCTAGTCC
CAGCTATGGGCTGAGGCAGGATTGTTTGGGAGGAGTTCGAGGCTACAGCAAGCTAGGATCATATCA
CTGCATCCAGCCTGGGCAACATAGCGAGACCCTATCTCTAAAAAAGAACAAAACAGTTAGCTCAGAT
GCCAGTGGAGTCTGTGCTCCTTAGCTTTTACCCTTTCCACAGCTCCTGAATCTGACTCATTTCCTGAC
TTTATCATTATAGCTTCCACCCTTCTGCAACCTCTACTGCTGATTAGAGTCCTAATTTTACCCTCTC
CCTCCCTGATGCATAGGTAAGGCCCTCTGTGGAGTAAGGAGATCTTCAGAGCTGTAGTGAACATAA
TTGAGAAGTATTGTTCCATTGCGTGTCCACTCATGTTGCTTCTTGTGAACCATTAACCTTAATTTG
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TCAAATCAGTAAGTGTGTACAGGTTTTAGTGTAGAAGGGATTTTCAAGTAAATCTATCTCCCATCA
AAGCAGGAACACCTTTTGAACATCACTGAAAGGAGGATTATCCAGGTAATGCTTAATGTTTCTAGTTA
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TATTAATAATATATCACTTATTGAGTGTAAACATGTATGAGGTTATTTATATATTTAGTATATATAT
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GTAGAGCTAAGGTTCTAACTCAGGTTAAAAATCTGAGTTGAGAAAAAATCAGTTGAAGCCATTTAAA
CAATAAATAAGCTTACTGGAGACTGAAAATCAAAGGTAGTATAGCTTCCAGGATTGATTTAATGTAAA
AATTCAGTGTGTTAGATCTGTGGTTTTGTTTCTGGAATTTTCTGTCTGCGCTCTCCTCCACGTTG
TCTTGTTATTCTCAGACTGGCTTCACTTGGGTAGCCAGACAATTTTCTGAAGCGCTAGGCTTGACATAC
CTATTTCCCATATGCAGGGGAAGAGAGCCGGTACTCCTTTCTCAGTCAATGAACAAAATTTTGGAGC
TTTGGGTCACAATAATGGTTATTCTTGGAGTGAAGATACTGATGGGGAGGAAGCATGAAGCATCTGGAG
TGCTATAGATATGTTCCATATCTTGATCTGCATGGTGGTTACACCGGTATATACAGATGTAAAAATTCA
ACAAAATGTACACTTAAATTTGGGCAATTAAGTGCAGGTAAGTCAACCTCCACTCCTTAAAGATATCC
TGACCACCACTCTGATTGGACCAAGAAGTTAGGTCATATGCTTACGTCTGAACAAATTTGTTGAGGTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_172095.4](#)

**Summary:** This gene encodes a member of a family of cation channel proteins that localize to the flagellum of spermatozoa. Defects at this locus causes male infertility. Alternatively spliced transcript variants have been observed at this locus. Readthrough transcription originates upstream of this locus in diphosphoinositol pentakisphosphate kinase 1 pseudogene 1 and is represented by GeneID:110006325. Related pseudogenes are found next to this locus on chromosome 15 and on chromosome 5. [provided by RefSeq, Mar 2017]

**Locus ID:** 117155

**MW:** 75.1