

Product datasheet for **RN209699**

Catsper3 (NM_001106101) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Catsper3 (NM_001106101) Rat Untagged Clone
Tag: Tag Free
Symbol: Catsper3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209699 representing NM_001106101
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTCAATATTTTACCACAACCCCGTAAGAGTCAAGTCCAGCTCACTGTTTGGTACAGCTTCGGTCC
CACTGCAGAGAAGGATAAGCAGTGCCAGGCTTTCTTCAGGAAGTTACGAAGAGCACTTTGTTCCAGAT
CCTGATGATCACACGGTCACCGCAACTCCTTCTTCTGTTGGGGACGAACTATGACATCCACTTC
CGGATGTTTAGAGTCTTTGAGTTCCTCATGAAGGTCTACGTGGACCCATTACATATTGGAAGGATGGCT
ATAACATACTGGATGTGGTCATTCTGGTTATCATTACAATACCGTACTTTCTGCGCAAAATCAAGGGAAA
TCATTTTGAATACCTCCACTTTGCTGACGGCATCCAGTCTCTACGGGTCCTGAAGCTTATCTCCTACAGC
AGGGGCATCAGGACGCTCATATTGCTGTGGGGAGACCGTCTACACTGTGGCCTCTGTGCTGACGCTGC
TCTTCTCCTCATGTTTGTGTTGCGATCCTGGGTTCTGCCTGTTTGGCAATGCGGATAGAGGCGACCT
GACTAACTGGGGAACTGGCTGCAGCGTTCCTCACTCTTTTCTGTTGGCCACGGTTGATGGCTGGACA
AACCTACAGGAGGAACTGGACAAGCGGAAGTTTACTGTGAGCCGGGCATTTACCATCCTCTTCATCTGC
TTGCCTCCTTCATCTTCTCAACATGTTTGTGCGCGTGATGATCATGCACACAGAGGACTCCATCAAAAA
GTTGAGCGGGAGATGACATTGGAGAGGAACTTGGCACTTATGGAGGAGAAGCAAATGATTCTGAGACGA
CAGCAAGATGAGGTCAACAGGCTGATGAACACACAGGCAGAAAAGTAGGTGGCAAGAGCTTTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001106101
Insert Size: 906 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001106101.1, NP_001099571.1</u>
RefSeq Size:	1267 bp
RefSeq ORF:	906 bp
Locus ID:	290989
Cytogenetics:	17p14