

Product datasheet for **MC219455**

Catsper2 (NM_153075) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Catsper2 (NM_153075) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Catsper2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219455 representing NM_153075
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACAAGAACAAGGACATTTCCAGCTGCTCAGAGCTGATGCTATCCGTTCAAAGCTCATTGACACTT
 TCTCGCTCATAGAGCATTTGCAGGGCTTGAGCCAAGCCGTACCAAGGCACACTCTCCGGGAGATACTTGA
 TCCTTCTTACCAGCAGAACTCATGTCCAGGAGATCAGGAGCAGCTAGTGGCTTCTCCATAAAGCCTCGG
 CGAATGGGGCACATCACACTCGCGGCGGTTGCTGAGCAGGCTTCGCGTGCAGTGAATGCCCC
 CTCTTCTTGTGGGCTGGATGGGTCCTTGATAGTTCTGTCTTCTCGAAATTCATCATCTCCCTCATCTT
 TCTGAACACCTTTGTGCTGATGGTTGAAATAGAATTGATGGAATCCACAAATACTGCTCTGTGGCCAGT
 AAGCTGGCTTTGGAGGTGGCAGATTGGTTCATCTTGCTTAGCTTCATTGTAGAGATACTTCTAATGTGGT
 TGGCCAGTTTTCTCTTCTGGAAGGATGCCTGGAATGTCTTTGACTTTTTTGTACCTTGTGTCTCT
 GCTTCTGAGTTAGTAGTCTGTTAGGAGTCCCAGCACACTCTGTGTGGCTCCAGCTGCTGAGGGTCTGT
 CGGGTGTGAGGTCTCTCAAAGTGGTGCACGATTCCGTCAAATTAAGTTATTCTTTGGCTCTGGTCA
 GGGCCCTGAAGAGCATGACGTTCCCTCTTGTGTTGCTGCTTATCTTCTTCTACATTTTTGTGTGACTGG
 TGTCTACTTCTTCAGAGAATATCCCGATCAACTATCGAGGGCCTGGAGTACAACATGTTCTTCTCGGAC
 CTACTAAATTCAGTGGTACAGTGTTCATCCTCTTACCTTGGATCATTGGTATGCAGTACTTCAGGATA
 TCTGGAAGGTGCCAGAATCTAGCCGTGTCTTAGCAGCATCTATGTTATCCTTTGGTTGCTGCTTGGCTC
 CATAATCTTTCGAAATATCATAGTAGCCATGATGGTTACTAATTCAGAATATCAGAAGTGAGCTGAGT
 GAGGAGATGAGCCACCTGGAGGTTCAAGTAAAGCTGACATGTTCAAGCAACAGATTATCCAGAGGAGAC
 AGCACTCTGAATCACTAAGAGGGACCAGTCTTGGAAAGGTCCTCGAAGACATAATAGAACTTCTGATGC
 TAGTGATGATGATGACGATGACGACGATGATGACGACGATGATGATGATGATGATGACAAAAGCGATGCT
 ACTGAAAGCGATGGCGAGAAAAACGAAAACGAGGAAAGCGATAGTGAGAATAGTGAGAGTGAGAATAGCG
 AGAGCGAGAAAATTGATCCTGAGAAAAGACTATGCCAAGAAAAGCTATCCTGAGAAAAGCCATCCTGAGAA
 AAGCTATCCTGAGAAAAGCCATCCTGAGAAAAGCTATCCTGAGAAAAGCCATCCTAAGAAAAGCTATGAT
 GAACAAGCTGAAGCTGAAGAGTCAAAGAAAAGCCTACCCAGTTTCCCATTCATCTCGTCCCATGGCT
 CCCTGACGCGGATACTGCTTTCCTTGAACCTGGACTGGGAGACCCTTGTGCATGAGAACCTGCCTGG
 GCTAATGGACATGGATCAGGATGACCGCATTGTCTGGCCAGAGACTCACTCTCCGATATTTGAGTTA
 CTGAAAAGCTTCAAGTAACTAGAAGAGCGCAAGAAGTTACAAGAATTTGCAGTCCAGGCCCTGATGA
 GTTTTGAAGACAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_153075
- Insert Size:** 1767 bp
- 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:

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: [NM_153075.3](#), [NP_694715.2](#)

RefSeq Size: 2247 bp

RefSeq ORF: 1767 bp

Locus ID: 212670

Cytogenetics: 2 E5