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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCACAAGAACAAGGACATTTCCAGCTGCTCAGAGCTGATGCTATCCGTTCAAAGCTCATTGACACTT
TCTCGCTCATAGAGCATTTGCAGGGCTTGAGCCAAGCCGTACCAAGGCACACTCTCCGGGAGATACTTGA
TCCTTCTTACCAGCAGAAACTCATGTCAGGAGATCAGGAGCAGCTAGTGCGCTTCTCCATAAAGCCTCGG
CGAATGGGGCACATCACACACTCGCGGCGGTTGCTGAGCAGGCTTCGCGTGCGGTGCAGTCGAATGCCCC
CTCTTTCCTTGTGGGCTGGATGGGTCCTTGATAGTTCTGTCTTCTCGAAATTCATCATCTCCCTCATCTT
TCTGAACACCTTTGTGCTGATGGTTGAAATAGAATTGATGGAATCCACAAATACTGCTCTGTGGCCAGTG
AAGCTGGCTTTGGAGGTGGCAGATTGGTTCATCTTGCTTAGCTTCATTGTAGAGATACTTCTAATGTGGT
TGGCCAGTTTTTCTCTCTTCTGGAAGGATGCCTGGAATGTCTTTGACTTTTTTGTTACCTTGTTGTCTCT
GCTTCCTGAGTTAGTAGTGCTGTTAGGAGTCCCAGCACACTCTGTGTGGCTCCAGCTGCTGAGGGTCTGT
CGGGTGCTGAGGTCTCTCAAACTGTTTGCACGATTCCGTCAAATTAAAGTTATTCTTTTGGCTCTGGTCA
GGGCCCTGAAGAGCATGACGTTCCTCTTGATGTTGCTGCTTATCTTCTTCTACATTTTTGCTGTGACTGG
TGTCTACTTCTTCAGAGAATATTCCCGATCAACTATCGAGGGCCTGGAGTACAACATGTTCTTCTCGGAC
CTACTAAATTCACTGGTGACAGTGTTCATCCTCTTCACCTTGGATCATTGGTATGCAGTACTTCAGGATA
TCTGGAAGGTGCCAGAATCTAGCCGTGTCTTTAGCAGCATCTATGTTATCCTTTGGTTGCTGCTTGGCTC
CATAATCTTTCGAAATATCATAGTAGCCATGATGGTTACTAACTTTCAGAATATCAGAAGTGAGCTGAGT
GAGGAGATGAGCCACCTGGAGGTTCAGTATAAAGCTGACATGTTCAAGCAACAGATTATCCAGAGGAGAC
AGCACTCTGAATCACTAAGAGGGACCAGTCTTGGAAAGGTCTCCGAAGACATAATAGAAACTTCTGATGC
TAGTGATGATGATGACGATGACGACGATGATGACGACGACGATGATGATGATGATGACAAAAGCGATGCT
ACTGAAAGCGATGGCGAGAAAAACGAAAACGAGGAAAGCGATAGTGAGAATAGTGAGAGTGAGAATAGCG
AGAGCGAGAAAATTGATCCTGAGAAAGACTATGCCAAGAAAAGCTATCCTGAGAAAAGCCATCCTGAGAA
AAGCTATCCTGAGAAAAGCCATCCTGAGAAAAGCTATCCTGAGAAAAGCCATCCTAAGAAAAGCTATGAT
GAACAAGCTGAAGCTGAAGAGTCAAAAGAAAAAGCCTACCCAGTTTCCCATTCAATCTCGTCCCATGGCT
CCACTGCAGCCGATACTGCTTTCCTTGAAAACCTGGACTGGGAGACCCTTGTGCATGAGAACCTGCCTGG
GCTAATGGACATGGATCAGGATGACCGCATTGTCTGGCCCAGAGACTCACTCTTCCGATATTTCGAGTTA
CTGGAAAAGCTTCAGTATAACCTAGAAGAGCGCAAGAAGTTACAAGAATTTGCAGTCCAGGCCCTGATGA
GTTTTGAAGACAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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).

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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

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