

## Product datasheet for MC223579

### Catsperg1 (NM\_001164658) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Catsperg1 (NM\_001164658) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Catsperg1  
**Synonyms:** A230107C01Rik; Catsperg  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223579 representing NM\_001164658  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGTGTCCCGGCCAGCCATGTCCCGGTGAGCCCTGTGTGGCCGAGAAAACCAAACCTTTGGGCATTCT  
 GGGTACTGCGGCTAGTGCTATTGCTGTCGTTGAAGTCGTGGCGGAAGATACCTTACAGCATTGCACCTG  
 GCTTCTGTCTGAACAAGTTCGAGAAGGTAGGCTTGCATCTCTCAAGGATCGATTTCAAGATCATGAG  
 CCCATCGATACAGTGGCCAAGGTGTTCCAAAAGTTGACAGACTCGCCAATCGATCCGTGAGAGAATATT  
 TGAGCTTTCTTACTACTTGCAAATCAACTTTTCTGTCCGGGACAGAATAGTGAGGAGCTGGCCCGAAA  
 GGGCCACCTGATGGGGATGAAGCCCATGGTCCGGATCACTACATGTAAGTCAAGTCAATTTCTACCGTTGG  
 GAGATGGAAAAATTTGAGATTCTGATGGAGGCTGCTCCAATGCGCAGCACAGGGTACTGCCCGCAGAGG  
 CCATGTGCATCCTGAAGTGTACACCCATGCCCTTTAAAAACGGCTCCGTGGTCTCCTCAGTGGACAT  
 CTATACCAATGGTATAGGGCCCTTCATACCCAAGAAAAGGTTCTATGTGAATATGAATGGCTTCTTGAAG  
 AGAGATGCAAGTGGTAAATCCTTATTCGCCATAGGATATGAGAGCCTTGTCTGAAGTCGAGTCACTTTA  
 GGCTTTCAAATCAAGACCCCTGTGGTACACTGTGAACCATGCCCGTGTTCATCCTTTGGAGGCTTTTA  
 TGATGAAAAGGCCATCCTGTTCTCAGATTCTAATTTCCAGGACTATGTTCTCTGGAGCTGAGATTGAC  
 AGTTGCTGGGTCCGCTCCTTCTACTGTCCATTCTGGCTTCTCAGCCACCATCCATGACGCCATTGCCA  
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 TGACAAAAGCCATGGCAGTAGCAGATGGGTTCTGTCTGCTAGCGAGTGCATCAAGAGACTGTGCCCG  
 GTGTATTTCAAGTGGCAATGGTTCTGAGTACGTCCTAGCCCTCACCAGTGGCAAGAATGAGGGTTATATTC  
 ACATCGGGACCATCACAGATGGCCTCGTGTCTCGAGATGGTGCAGATGGCTGGTCAAGTATGTGAAAA  
 ATTACCAGGTAAGAACTGCAGCATCGACTGGGCTACATACATCACTGATGAGAGGAACCTGCTGTTGTTA  
 GTGAAAATGACTCTGGCAATTTTACCTAGTCAACTTTAATACAGAGTTCAAGACTCTGAATATCTCTCT  
 ACAAATACCAGAGTTTATACCGAAGTAAGGAACTAGACTTCTTGGTGTCTTGTATACAGTGCATA  
 CACCAACTCTATGACACCAAGGGCTGTTCTTCAACACATTGAACAACATGTTGTACATCTGGGGC  
 AACTTCATCCTGCAAAGCTACAATAGGGAAGAATTCATTTTTCTGGCGGACTTCCCAAGGAGTCCACCA



TCAAATACATGGTCAACTCTTTCAAAGGACAAATGGCTGTTGTCACAGAAAATGAAGAGCTAGTCTATCT  
 TTTTGACGTTGGAAAAGAACGTTTAGTCAAGAGGCTCCTGCCTGTGGAACTGATGGAGTACAACCTG  
 CCCAAACCTTCACAGTGGTGAACCAAGGGAACACAAGATGATCACCTTCACCAACACGTGCCCTTTTA  
 AGGCCATTCATGCAGTTGATGTGCCAAAAAACAGCATGCATCACGCACAGAGAGCTATGTTGCTCTGCC  
 ACCTCTGGTCTCTGAATCCTTGGGCTCCACAACAATAACACACTCGCTGTCTATCAAGGCTCGTCTAT  
 TACCTGCTGTGGCTGCACTCCAAGTATGATAAGCCCTATGCAGACCCAGTGCACGATCCCACCTGGCGCT  
 GTGGCAACACAAAACAAGGACAAGGATTACTTCTTTTACCTGTTTCAGCAACCCGCTGGCGCAGAAGG  
 CATATACATCAACATGAACGCCTACAAAAGCTCTACAACATGTCGGGTGACTATGGAATACCCGATCTT  
 TTCTTCTAGACAAGGGCAACTGGTTCACCTTCACTGTGGTCTTATTGTACATCAGGATACCTTACAA  
 GCTCTGATAGCCAAGGACCCACTATTAATGTGGACAAGAAGCTGTCATTGTCTCTGGTACTGGCGGATCC  
 TGAGTGCCTTTCAGTAACTGCGACTCGGGAGTTCTTCTTAATCGCAACACTCTGCTCACCAAGATTAA  
 GTCATAGATAAAAAGAGATGCTCCGAACAGGGCATGGTTGGACGTAACATCAAGAAGACTTCCATGTTGA  
 TCAAGGCTTGGGCGCTCCTGGGAATTGCATCCAGCGCACGTACCTTGGGGACCACATTCAGGTATCAG  
 GCTGGTACCAATATTCATCGGCTGTCTCCTGGCAAGCGCTTGGCCTTTGATGTCTCTACAGGATTAAG  
 CATTCTGAGGAGATAACAAGCACTATTTCGACTGTGTGATTAAGACCGCGAGATGCCATGCTTCTCT  
 TTCGTGACTTATCCAGCCCTTCTTCTTAGTCCAAGACTTGGTACTGGCGACTCTGGCAGTTTCTTGGG  
 CAGTTACGTGCTGAAGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
 ATCTTCCGTTACAACAGCCCGCTGGACACAACGAATAGCCTCATCTGGAAAAACAAGGTCGAAAAGGACCA  
 CGGAGGACAAAAAGTTCTACATAATGTCCCATGAGAGCCCTGGAGTCGAGTGGCTGTGCTTGGAGAACTC  
 CCCTTGCTATGACATCATCCCCAAAGCATCTACCCACCTGAGTTCTTCTTCAAGTTGTTAGTGAGCAAT  
 AGAGGTGATAGACAATAGCACATACTGTGACTACAAGCTCACCTTTATAGTGACATCCATGGGCTACCGC  
 TCAGCAGCAAGCGGTCCCTCCTTATTGTTATGGTGTCTACCAGCTCTTTATAGCCCTGGTGTCTTCTA  
 CATCCTGTTCTGCCTCGTGTGGCCTCACATAGTGAAGGCCTGGTCTCATTTCGCTGGAAGATTACAAC  
 ATGATGGCACCAGAGACCTATTCACTTCTCTCTTCTGGGGGCTTACCCTCCATTCTCACAGCTCAG  
 AGGGAAGTTTTGAGGTCCTCCAGACCAGGTACCAAAGAGGACAATGTTCAAGCTAAGAGAGCAAAGGT  
 GCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001164658
- Insert Size:** 3297 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\\_001164658.1](#), [NP\\_001158130.1](#)

RefSeq Size: 3566 bp  
RefSeq ORF: 3297 bp  
Locus ID: 320225  
UniProt ID: E9Q355  
Cytogenetics: 7 B1