

## Product datasheet for **MC218573**

### 5830457010Rik (BC023107) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	5830457010Rik (BC023107) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	5830457010Rik
Synonyms:	5830457010Rik; Ctf8; Derpc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC023107  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAGAACCCCGATTTCCTAGAGAGCGACCAACTCCTGGACTCGTGCTCCATTGCCACCTCGAG  
 GACGGCTGGACGAAGGGCTGTTATGAACGCAGGCCACCAATGGGTGTGAACTCAGATCCTTTCCTTAT  
 GGCAGCAGTTCTCTTGGTGAAAACCTGGCTCCATTTCCAAGGAATGCAGCTCCTTTTCAGAATCCATCA  
 GGCTCTTTGGCGTCAAACCCAGCACACTTTGCTGCTGGTCTCGCGACCCAGGCATGACTTCTTTCCCAA  
 GAGGGATGAATCCACTGGCACAGGTGCAGTTTCTTCCAAGGCCAGGAGGCCTGTTGGGACCAGGACC  
 AGGACCAGGTTTAAACCTAGAACAGGGGCTTCCAGGCCAGGGCCTATGTCTAACCCAGATTAGGA  
 GGGCTTCTGGACCTGGTCTATGGCCAACCAAGGGCAGGGGACTTCTGGGAGCAAGTCTGACCCTA  
 GAAGTGGTGGCCCATGGTCCCTGGATGTGGACCAACATGAGGGCAGGTGTTTTGTCTCTGGACTGG  
 TCCTCCCAATCCTAGGCCAGTTGGCTGGTCTGGACCAAGTCAAATCTGAGATCAAGCTTTTTAGGT  
 ACAAAACCCGGCCCTAGGTCGGGTATGTTTCCAGGCCAGGCCTGGGTCCAACCCACGAGCATGTGGCT  
 TAGGACCAGGTCTTGGGCCAAACCAAGAGCTGGTGGCCTAGGCCAGGCCAAATCTGGACAACAGAGC  
 AGGTGGCCTCTTAGGTACAGGATCTGGTCTTAAGTAAAGAAATGGCTGGACCTCAAGGCTTAGATCTTGC  
 CCCATCCTGAGGGCAGCAGGTCTTTAGGGACAAATTCAGTTTCTTTTCCCAGGCTTCTGGAAACATGG  
 GCACAAACCCGCCACCATGACAAGAGTACCTGGCCCCATAGGTCCAACACAGGTCCTAGCTCTCGAGG  
 ACTTGGCCTTCCAGGGCCAAATCCCTCTCCCATGTCAAGGGCTCCTGGCCCCATGGGTCTAATTCAGCT  
 CATTTCTCAAGACCAGGTGGCCCCATGGGGTAAATGCTGGAGTCTTCCAAGGGGGACAGGATCAGGAG  
 GACTGAACCCAAATGCCTTCTCAGTCTTCTGGCACATTGGCCTCAAATCCAGGCACCTTTCAGAGGTC  
 TGCTGGCCTCCAGGGCTCAAATCAAGCAGTTTTCCCAAGAGCCTCTGGGCCACTAGGCCCAACCCAGCT  
 AACTTTCCAAGGGCCACTGGCCTGCAGGGTCCAAGTCCAGCTGCCTTCCAAGGTCTGCTGGTCCATTAG  
 GCCCAGGTCAAGTTGCTTTCCCAAGGTCAGCTGCGGGGCACCTGGGCTCTTCTCCAGCAGGCCCTGTGGG  
 TATCAACCCAGCTCCTTTTGAAGACCAACGGGGACCCTGGGCCCTAACCCAGCTTCTTTCCAAGGATG  
 AATGGCCCTGTAGGTAAGACTTTGGTCCATTTCTAGGGTAGGCAGCCTCCCTGGCTCAAATCCAGCTG  
 CTTTCCCAGGCCAGGGGTCCAATGGCTGCAATGTACCCAAATGGAATGTTACCCCTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** BC023107  
**Insert Size:** 1602 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:** [BC023107](#), [AAH23107](#)

**RefSeq Size:** 2716 bp

**RefSeq ORF:** 1601 bp

**Locus ID:** 214987

**Cytogenetics:** 8 D3

**Gene Summary:** Potential tumor suppressor.[UniProtKB/Swiss-Prot Function]