

Product datasheet for **MC207835**

Ggct (NM_026637) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ggct (NM_026637) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ggct
Synonyms: A030007L17Rik; AA673177; Gctg; Ggc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207835 representing NM_026637
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGAGCTCCGACTGTGAGGGCCATGCGGGCCAGGAGGGGAGACATTCCTGTACTTCGCTACGGCA
 GCAATCTCCTGACCGAGAGGATCCACCTGCGAAACCCCTCGGCCGTGTTCTGCTGCGTGGCGCCCTGCA
 GGACTTTAAGCTCGACTTCGGCAATTTCCAAGGCAAAATGAGTGAGAGGTGGCACGGAGGTATAGCTACC
 ATTTTTCAAAGTCTGGCGACGAAAGTGTGGGGAGTGGTATGGAGAATGAACAAAAGCAATATAAGTTCCC
 TGGATGAGCAAGAAGGAGTTAAAAGTGGAGTCTATGTTGTAATAGAAATTAAGTTTCAACTCGAGAAGG
 GAAGGAAATAACCTGCCGAAGTTACCTGATGACGAACTACGAGAGCGCGCCCATCACACAGTATAAG
 AAGGTTATCTGCATGGGTGCGAAAGAAAACGGTTTGCCACAGGAATATCAAGAGAAATTAAGCAATAG
 ACCCAAATGAGTATAAAGGAAAGATCTCCGACGAAATGGAAGACATCATCAAAAAGGGAGAGTCAAACT
 GTCATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_026637
Insert Size: 567 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).



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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_026637.3</u> , <u>NP_080913.1</u>
RefSeq Size:	1362 bp
RefSeq ORF:	567 bp
Locus ID:	110175
UniProt ID:	<u>Q9D7X8</u>
Cytogenetics:	6 27.26 cM
Gene Summary:	Catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis. Induces release of cytochrome c from mitochondria with resultant induction of apoptosis.[UniProtKB/Swiss-Prot Function]