

Product datasheet for **MC208004**

Cga (NM_009889) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cga (NM_009889) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cga
Synonyms: aGSU; alpha-GSU; alphaGSU; alphaSU; CG-alpha; FSHA; GPHA1; GPHalpha; HCG; LHA; Tsha
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208004 representing NM_009889
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATTACTACAGAAAATATGCAGCTGTCATTCTGGTCATGCTGTCCATGTTCTGCATATTCTTCATT
CTCTTCCTGATGGAGACTTTATTATTTCAGGTTGCCAGAAATGTAACAAAGGAAAATAAATACTTCTC
CAAGCTAGGAGCCCCATCTACCAAGTGTATGGGCTGTTGCTTCTCCAGGGCATATCCCACTCCCGCCAGG
TCCAAGAAGACAATGCTGGTTCCAAAGAATATTACCTCGGAGGCCACATGCTGTGTGGCCAAAGCATTTA
CTAAGGCCACAGTAATGGAAATGCCAGAGTGGAGAATCATACGGAGTGCCACTGTAGCACTTGCTACTA
CCACAAGTCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009889
Insert Size: 363 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_009889.2](#), [NP_034019.1](#)

RefSeq Size: 691 bp

RefSeq ORF: 363 bp

Locus ID: 12640

UniProt ID: [P01216](#)

Cytogenetics: 4 16.86 cM

Gene Summary: Shared alpha chain of the active heterodimeric glycoprotein hormones thyrotropin/thyroid stimulating hormone/TSH, lutropin/luteinizing hormone/LH and follitropin/follicle stimulating hormone/FSH. These hormones bind specific receptors on target cells that in turn activate downstream signaling pathways.[UniProtKB/Swiss-Prot Function]