

Product datasheet for **MC202905**

Gcsh (NM_026572) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gcsh (NM_026572) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gcsh
Synonyms: 1100001L02Rik; 5730591C18Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC014745 sequence for NM_026572
 GCGCAGTTACCCTCCGGACCTCTGACCATGTCGCTGCAAGTGTCGAGGAGCTTGGCGGTTGTGGCCTACA
 GCCTGCGCACCGCCCTGGCCTTCTGCTCGCCGCGCCCTGTGTACCGAGCGCCGCGCCGCTCCGCTCACT
 GCGCACCGGATCTGCTTTGCTGTGCGGTGCGTAAATTCACAGAGAAACATGAGTGGATAACGACAGAGGAA
 GGTATTGGAACGGTGGGAATCAGCAATTTGCACAGGAAGCGTTGGGAGATGTTGTTTACTGTAGTCTGC
 CTGAAGTTGGGACAAAATTGAAAAACAAGAGGAGTTGGTGCTTTGGAGAGTGTGAAGGCTGCCAGTGA
 ACTCTACTCTCTCTGTGACGAGAGGTAACCGAAGTCAATGAAGCTTTGCCGAAAACCCAGGGCTTGTC
 AACAAATCCTGTTACGAAGATGGTTGGCTGATCAAGATGACACTGAGTGACCCCTCAGAGCTGGATGAAT
 TGATGAGTGAAGAAGCATATGAGAAATATGTGAAGTCCATTGAGGAGTGACCATGGCACCCCTCTACTCC
 CAGATCAAACCTGGATGTGACCTGCTCCAGCATGCTTGTCTTAAACTAGTGGAGAATAGAGGACTTGAAT
 AACTTTTAGCAATACTGATGGAAGAAACTGTTCTTGACAGTGCTACTTAAGACCCACCCCAACTTCTCT
 AAAGGATGCAGATAAACACAGTGTACAGGTTTTGATAATTGCCATACTAAGTATTTAGACTAGGGGTTA
 AGCCCTGGTGTGTTAGAATCTTAGGATCGTCTGCTGTGAAACGTGGTTATGGGGCTGGTTTTGGTGATGG
 ACCACCTTCTAATCCCAGCACTCAACAGGCAGATGTTAGTTCAAGGTCGGTCTACACAACAAGTTCTAGA
 CCAGCCACAGCTACATGGCGAGACCCTACCTACTGGGATAAAGGCTTTCATAATCAAGATAATAGTGGT
 GTATCTTAGATAAATTTGTTACTTGCCCATATCCACCACTGGATTTGGGTCAGAGACTTAGTGTCTTCTC
 ATTGGGAATGCAAGGAAGTGTGTACAGTGTGAGGAGGAGAGTACTGCTTTGTTTCCACCATGTGCT
 GTGTTAGCTGTTGTTTTCCACCGTGAAGCACCGGCTTTGCAACACTGAGAAACAATAAAACATTTCATC
 CTCCTTGTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026572
Insert Size: 513 bp



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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:	<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:	BC014745 , AAH14745
RefSeq Size:	1220 bp
RefSeq ORF:	513 bp
Locus ID:	68133
UniProt ID:	Q91WK5
Cytogenetics:	8 E1
Gene Summary:	The glycine cleavage system catalyzes the degradation of glycine. The H protein (GCSH) shuttles the methylamine group of glycine from the P protein (GLDC) to the T protein (GCST) (By similarity).[UniProtKB/Swiss-Prot Function]