

Product datasheet for **RN212912**

Gstcd (NM_001107725) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gstcd (NM_001107725) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gstcd
Synonyms:	RGD1311822
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212912 representing NM_001107725
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGGCATTAAGGAAAACGCTGTGGAATCTCTGTACCTGGAGTACTCTACCAAATAGAAGGGTGCA
 TCTTTCCTCTCCACATCTGTAACTTTGTCTTTACTGTCTGACTGTGAATGCAAGGTCTTTAACGTTTA
 CCTAGTCCCTACTGAAGAAGGTGCAGACACTTCATTCCCTAAAAGAGGCCCTGCCCCAGGACGTGGAGGCA
 CAGGTTCTCTCAAAGCAGGCCCTCCCTCCGATAGTCCAGAGCTGTTGTCTGCCCGCGTGGTCAACCAGC
 CTGACACTTTTTGTAGAGCAGGTCTTGCTGTTGCTGAGACACATAATCCAAAAATCCTATGAAGCCGA
 GCCCTCGAGAAAAGAAATTTTGGAACTTCTGGGTTTTAAAAGACTTGCTTGAAGCCTGTGCTGAAGTT
 AGTCAGTGGACCAGGCTATGTGAACTCACCATCCCTTTGGCTGTTGAGAATTTTCCAAGAGTCTCTG
 ACGATCCCCAACCATCCCTGAAGAAATACTAGAGCTCGAGAGAAAGCTCAGCGAGCCAGTCAGAGTACA
 CAATGATGACAACTCCGACGACAGAAGCTGAAGCAACAAAAGGCGTCTAGCAGTGAAGCCTCCCTCTGGT
 AAGGGAAAAGCGAAGACCAAGGTGCGTGACACAAAGACACCCAAAGATGTGGCTGGTTCCGCAAGAGTC
 TAGAGCTGAAGGTGGCCTTCTCCAAGCTCACGGTGCAGGAAGATGCAGAAGCTACCAACAGGGAGCCTTC
 TCACATCAGGAAAGCAACGGCTTCTGAGCTCCCGCCTCTGGAGCACGTGTTTGCAGAAGGGCTGACTTC
 ACTCTGGCAGACATCGTGCTTCTGCCCTGTGTTACCACCTTTTTGGTAATGATCTGCAAGAAATTTCCG
 AGAAGCTGGAACAGTTCACCTCCTCACCTTTGGTATCAGAGGATTCAGGAAGTGCCAAAAGTCAAAC
 AGCAGCCTTTAAGTGTGGAATCTGCTTTCTGGATTTACCAGAATTGCTGACCCCTGAAAGTAAAGAGCCT
 GTGAATTCAGTGACACAGCTTCTGTAGACGAGCAGAGTGACCCTTTGTTGTAGGAGGACCAAGGCCAA
 CTATGACCAAGTTAATGGAAAAGGGCATTGAAGCCATGTTTTCTCCGACCCCTTGCTCTGGACCTT
 TGACTGGAGCAGCCTTCTGCCCGCGTCAGCCGAAGGAAGTAAAATGTCCACTGATCGAGCTTTGAGG
 AAGCAGCAACAATTAACAACCTCGCCTATCTGGTGTCTGATCGTGCACAACTGGTGACAGAATTGTGG
 ATTTCTGCAAGTGGTGGGGCCATGTTGGAATTGTTCTCGCGCATGACTGCCCTGTGCCAGGTCACATT
 AATAGAGAACAAGGAAATACCTAATTCGTGCTAAGAAGAGAAGTGACGAACTTGGTTTAAAGCAATATC
 TGGTTCATTCAAGCAAATATGGAGTATTTACAGGAGTGTGACATTGGGCCTAACAGGCCATACTT
 ATGTCCTGTATGGATGTGGTAAATTTGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107725
- Insert Size:** 1575 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_001107725.1](#), [NP_001101195.1](#)

RefSeq Size: 3533 bp

RefSeq ORF: 1575 bp

Locus ID: 310855

Cytogenetics: 2q43