

Product datasheet for RN212598

Gsta1 (NM_031509) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gsta1 (NM_031509) Rat Untagged Clone
Tag: Tag Free
Symbol: Gsta1
Synonyms: GST 2-2; Gsta3; GST A3-3; Gsta5; GST AA; GST Yc1; Yc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212598 representing NM_031509
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGGGAAGCCAGTCCTTCACTACTTCGATGGCAGGGGAGAATGGAGCCCATCCGGTGGCTCCTGG
CTGCAGCTGGAGTAGAGTTTGAAGAACAATTTCTGAAAACCTCGGGATGACCTGGCCAGGCTAAGGAATGA
TGGGAGTTTGATGTTCCAGCAAGTGCCCATGGTGGAGATTGATGGGATGAAGCTGGTGCAGACCAGAGCC
ATTCTCAACTACATTGCCACAAATACAACCTCTATGGGAAGGACATGAAGGAGAGAGCCCTCATCGACA
TGTATGCAGAAGGAGTGGCGGATCTGGATGAAATAGTTTCCATTACCCTTACATTCCCCCTGGGGAGAA
AGAGGCAAGTCTTGCCAAAATCAAGGACAAAGCAAGGAACCGTTACTTTCTGCCTTTGAAAAGGTGTTG
AAGAGCCATGGACAAGATTATCTCGTTGGCAATAGGCTGAGCAGGGCTGATGTTTACCTAGTTCAAGTTC
TCTACCATGTGGAAGAGCTGGACCCAGCGCTTTGGCCAACTTCCTCTGCTGAAGGCCCTGAGAACCAG
AGTCAGCAACCTCCCCACAGTGAAGAAGTTTCTTCAGCCTGGCAGCCAGAGGAAGCCATTAGAGGATGAG
AAATGTGTAGAATCTGCAGTTAAGATCTTCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031509
Insert Size: 666 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: | <u>NM_031509.2</u> , <u>NP_113697.1</u> |
| RefSeq Size: | 1178 bp |
| RefSeq ORF: | 666 bp |
| Locus ID: | 24421 |
| UniProt ID: | <u>P04904</u> |
| Cytogenetics: | 9q13 |
| Gene Summary: | may play a role in drug resistance and carcinogenesis [RGD, Feb 2006] |