

Product datasheet for RN204069

Gstt1 (NM_053293) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gstt1 (NM_053293) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gstt1
 Synonyms: GSTYRS
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN204069 representing NM_053293
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTCCTGGAAGTACCTGGATCTGCTGTCGCAGCCCTGTCGCCTATTTATATCTTCGCCAAGAAGA
 ACAATATCCCGTCCAGATGCATACTGTGGAGCTGCGCAAGGGTGAGCACCTCAGCGATGCCTTTGCCCA
 GGTGAACCCCATGAAGAAGGTACCAGCCATGAAGGATGGTGGCTTCACCTGTGTGAGAGTGTGGCCATC
 CTGCTCTACCTGGCGCACAAAGTATAAGGTTCTGACCACTGGTACCCCAAGACCTGCAGGCCCGTGCTC
 GTGTGGATGAGTACCTGGCATGGCAGCATACGACCCTTCGGAGAAGCTGTCTCCGACCCTGTGGCATAA
 GGTGATGTTCCCGTTTTCTGGGTGAGCAGATACGCCCGGAGATGCTGGCAGCCACATTGGCAGATCTG
 GATGTTAACGTACAGGTGCTGGAAGACCAGTTCCTCCAGGACAAAGACTTCCTTGTGGACCCGACATCT
 CCCTGGCTGACGTGGTAGCTATCACAGAGCTGATGCATCCTGTAGGTGGTGGCTGCCAGTCTTTGAAGG
 GCGTCCCAGGCTGGTGCATGGTACAGGAGAGTGGAGGCAGCTGTGGGAAGGACCTCTTCTGGAGGCC
 CATGAGGTCATCCTGAAGGTGAGAGACTGTCCACCTGCTGACCCCGTCATAAAGCAAAGCTGATGCCCA
 GAGTGTGACCATGATCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
 ACCN: NM_053293
 Insert Size: 723 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: | NM_053293.2 , NP_445745.1 |
| RefSeq Size: | 1090 bp |
| RefSeq ORF: | 723 bp |
| Locus ID: | 25260 |
| UniProt ID: | Q01579 |
| Cytogenetics: | 20p12 |
| Gene Summary: | subunit of the glutathione S-transferase [RGD, Feb 2006] |