

Product datasheet for RN211060

Gsto1 (NM_001007602) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gsto1 (NM_001007602) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gsto1
 Synonyms: SPG-R
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN211060 representing NM_001007602
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCGGGGCGTCCGCCAGGAGCCTGGGAAGGGAAGCGCGCCCTGGCCGGTCCCGAGGGCCAGA
 TCCGAGTCTACAGCATGAGGTTCTGTCCCTTGTCTCAGAGGACGCTGATGGTCTGAAGGCCAAGGGAAT
 CCGGCATGAAATCATCAACATCAACCTGAAGAATAAGCCCGAGTGGTTCTTTGAGAAGAATCCCTTTGGG
 CTGGTGCCGGTCTGGAGAACACTCAGGGTCACCTGATCACTGAATCTGTCACTACTTGGAGTACCTGG
 ATGAAGCATACCCGGAGAAGAAGTTATCCAGATGACCCGTACGAGAAAAGCTTGCCAGAAGATGACCTT
 TGAGTTATTCTCAAAGGTGCCGTCTCTGGTTACGAGTTTTATTAGGGCGAAGAGAAAAGAACCATCCG
 GGCATAAAGGAAGAACTGAAGAAAGAGTTACAGCAAGCTAGAAGAGGCTATGGCTAAAAAGAGGACAGCCT
 TCTTCGGTGGGAATTCGCTCTCAATGATCGATTATCTTATTTGGCCGTGGTTTCAGCGACTGGAAGCACT
 GGAGCTCAATGAGTGTATAGACCACACCCCAAACTCAAGCTCTGGATGGCAACCATGCAGGAAGACCCC
 GTGGCATCATCCCACTTCATTGATGCCAAGACCTACCGTGATTACTTAAGTCTCTACCTACAGGACAGCC
 CCGAGGCCTGTGATTATGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001007602
 Insert Size: 726 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_001007602.1</u> , <u>NP_001007603.1</u>
RefSeq Size:	907 bp
RefSeq ORF:	726 bp
Locus ID:	114846
Cytogenetics:	1q54
Gene Summary:	a glutathione-dependent dehydroascorbate reductase [RGD, Feb 2006]