

Product datasheet for **RN201205**

Gsta4 (NM_001106840) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gsta4 (NM_001106840) Rat Untagged Clone
Tag: Tag Free
Symbol: Gsta4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201205 representing NM_001106840
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTCAAACCAAGCTCTACTACTTTCAAGGCAGGGGAAGGATGGAGTCGATCCGCTGGCTGCTGG
CTACAGCTGGAGTGGAGTTGAAGAAGAATTTCTTGACGACGAGAGAACAATATGAGAAGTTGCAAAAGGA
TGGATGCCTGCTTTTTGGCCAAGTCCCATTGGTGGAAATAGACGGGATGCTACTGACACAGACCAGAGCC
ATCCTCAGCTACCTGGCCGCAAGTACAACCTGTATGGGAAGGACCTGAAGGAGAGAGTCAGGATTGACA
TGTATGCCGATGGCACCCAGGACCTGATGATGATTATCGGGGCTCCATTTAAAGCCCTCAGGAAAA
AGAAGAGAGCCTAGCTTTAGCAGTGAAGAGGGCTAAAAACCGTTACTTCCCAGTGTGAAAAGATTTTA
AAAGACCATGGAGAGGCATTTCTGTGGCAACCAACTCAGTTGGGCAGACATACAGCTACTAGAAGCCA
TTTTGATGGTGAAGAAGTCAGTGCTCCTGTGTGTCTGACTTCCCTCTGCTGCAGGCATTTAAGACAAG
AATCAGCAACATTCCTACAATTAAGAAGTTCCTGCAACCTGGAAGTCAGAGGAAGCCACCTCCGGATGCC
CACTATGTTGACGTGGTCAGGACCGTCTGAAGTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106840
Insert Size: 669 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).



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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_001106840.1</u> , <u>NP_001100310.1</u>
RefSeq Size:	898 bp
RefSeq ORF:	669 bp
Locus ID:	300850
UniProt ID:	<u>P14942</u>
Cytogenetics:	8q31
Gene Summary:	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.[UniProtKB/Swiss-Prot Function]