

Product datasheet for RN202514

Gstm5 (NM_172038) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gstm5 (NM_172038) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gstm5
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN202514 representing NM_172038
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGTCGTGCTCCAAGTCTATGGTTCTGGGTTACTGGGATATCCGCGGGCTGGCTCATGCCATCCGTATGC
 TCCTGGAGTTTACTGATACCAGCTATGAAGAGAAACAGTACACGTGTGGGAAGCTCCTGACTATGATAG
 AAGCCAATGGCTGGACGTGAAATTCAAGCTAGATCTGGATTTTCCTAACCTGCCCTACCTTATGGACGGG
 AAGAACAAGATCACCCAGAGTAACGCCATCTTGCGGTACATCGCACGCAAGCACAACATGTGTGGTGACA
 CCGAAGAAGAAAAGATTCGAGTGACATCATGGAGAACCAGATAATGGACTTCCGCATGCAGCTGGTTCCG
 GCTCTGCTACAATTCTAACCACGAAAGCCTGAAGCCTCAGTATTTGGAACAACCTGCACAGCTGAAA
 CAGTTCTCGTTGTTCTGGGAAATTCACATGGTTTGACAGGAGAAAAGCTGACCTTCGTGGATTTTCTCA
 CTTATGACGTCTGGACCAGAATCGTATGTTTGAGCCCAAGTGCCTGGATGAGTTCCCAAATCTGAAGGC
 TTTTCATGTGCCGTTTTGAGGCTTTGGAGAAGATTGCTGCATTCTGCAGTCTGACCGCTGCTTCAAGATG
 CCAATCAACAACAAGATGGCCAAGTGGGTAACAAGAGCATATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_172038
 Insert Size: 678 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:	NM_172038.1 , NP_742035.1
RefSeq Size:	678 bp
RefSeq ORF:	678 bp
Locus ID:	64352
UniProt ID:	Q9Z1B2
Gene Summary:	involved in conjugating GSH with a variety of electrophilic substrates [RGD, Feb 2006]