

Product datasheet for **MC208016**

Gstp1 (NM_013541) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gstp1 (NM_013541) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gstp1
Synonyms: GstpiB
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208016 representing NM_013541
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCACCATACACCATTGTCTACTTCCCAGTTCGAGGGCGGTGTGAGGCCATGCGAATGCTGCTGGCTG
ACCAGGGCCAGAGCTGGAAGGAGGAGGTGGTTACCATAGATACCTGGATGCAAGGCTTGCTCAAGCCCAC
TTGTCTGTATGGGCAGCTCCCCAAGTTTGAGGATGGAGACCTCACCTTTACCAATCTAATGCCATCTTG
AGACACCTTGGCCGCTCTTTGGGGCTTTATGGGAAAACCAAGGGAGGCCGCCAGATGGATATGGTGA
ATGATGGGGTGGAGGACCTTCGCGGCAAATATGTCACCCTCATCTACACCAACTATGAGAATGGTAAGAA
TGACTACGTGAAGGCCCTGCCTGGGCATCTGAAGCCTTTTGAGACCCTGCTGTCCAGAACCAGGGAGGC
AAAGCTTTCATCGTGGGTGACCAGATCTCCTTTGCCGATTACAACCTTGCTGGACCTGCTGCTGATCCACC
AAGTCCTGGCCCTGGCTGCCTGGACAACCTCCCCTGCTCTCTGCCTATGTGGCTCGCCTCAGTGCCCG
GCCCAAGATCAAGGCCTTCTGTCTCCTCCCGGAACATGTGAACCGTCCCATCAATGGCAATGGCAAACAG
TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013541
Insert Size: 633 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_013541.1 , NP_038569.1
RefSeq Size:	744 bp
RefSeq ORF:	633 bp
Locus ID:	14870
UniProt ID:	P19157
Cytogenetics:	19 3.75 cM
Gene Summary:	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Can metabolize 1-chloro-2,4-dinitrobenzene. Regulates negatively CDK5 activity via p25/p35 translocation to prevent neurodegeneration (By similarity). [UniProtKB/Swiss-Prot Function]