

Product datasheet for MR203840

Ggt6 (BC055837) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ggt6 (BC055837) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ggt6
Synonyms:	RP23-48A2.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203840 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGCTGAAAAGGGCTTTGAGGTAGATGCACCCCTGGCAAACGCACTAGCCATCCAGGGCACAAAGG
GGCTCTGTCCATTGTTCTGCCATACCAATGGAACCCCACTGGGCCTTGGGGCTCGGGCCACCAACCCCAA
CCTGGCAGCTGTATTACGCAGCGCAGCCCTGGCCTCCAGCCAGATCTCGCTGGGAAGGCCTTGCTGAAC
CCGCTGGTCAGAGACCTGGGGTTAGAGTTACCTTCTGCTCAGCCCGTGCCTTCTTAGAGCCTGCGCTGC
AGCTTCTTCTGCCTCGGGGGTCTGTTACGACTCCTGGCCCTCAGCAGGTCCAGAACTGTGGAAC
GCTGGAGTCTACTCTTCACTCCAGGACACCCAGCTCTGCTCCCTGCCACCATTCCTGCAAACCTGCTGAA
ACCCCACTGAGCAGTGCCTGGCCACCGTGGACAGCAACGGCTCCATGCTCCTCCTCATCTCCTCAATCA
ACAGTTCTTTGGTTCTGGACATCTATCCCAAGTACTGGTGTCTGCTCAGCAACCTGGAAGCCAGCCC
TGCACCTAGTGCCTGGCCTGTCCACTCATCTTCGTGACAACCTGGATGACACAGAAGCCGATATGTTG
GGGATGGTGGCTCAGGGATCTCCAGAGGGGCCAAAGCCATGACTTGACCTTGTCAATCATCTGGCAA
CACCCAAATCCACAGCAGCCCCAGCATCAAAGACCCACAGAGAGCCCTGGCATATGTGGCCAAGGGGC
CCTACTGCAGGCGGTAGTCCATGCAGAACACGCCCATGTCTCCAGTGTCCCAGTGGCTGCTGCCCTTT
CAGGGGTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203840 protein sequence
Red=Cloning site Green=Tags(s)

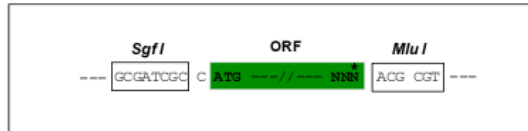
MLAEKGFVEVDAPLANALAIQGTKGLCPLFCHTNGTPLGLGARATNPNLAAVLRSAALASSPDLAGKALLN
 PLVRDLGLELPSAQPVPSLEPALQLLLPRGVLFITPGPSAGPELVELLESTLHSRTPSSAPCPPFLQTAE
 TPVSSALATVDSNGSMLLLLISSINSSFGSGHLSPTSTGVLLSNLEASPAPSAWACPLILRDNLDDTEADML
 GMVASGISRGAKAMTCTLLNHLATPQIPQQPQHQRPTESPGICGQGALLQAVVHAEHAHVSSVPSGCCPF
 QGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: BC055837

ORF Size: 849 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [BC055837](#), [AAH55837](#)

RefSeq Size: 1743 bp

RefSeq ORF: 851 bp

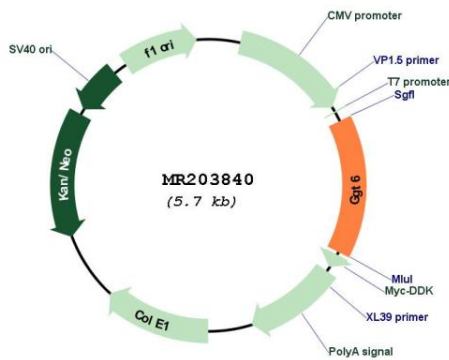
Locus ID: 71522

Cytogenetics: 11 B4

MW: 29 kDa

Gene Summary: Cleaves glutathione conjugates.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203840