

Product datasheet for **MC203943**

Gbe1 (NM_028803) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbe1 (NM_028803) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gbe1
Synonyms:	2310045H19Rik; 2810426P10Rik; D16Ertd536e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017541
 CCCACGCGTCCGCTCGGCCACTCGACCCTCTCGGCCTCGGCTACTCGGGCTGCTGCGGCGAAGATGGC
 GGCGCCGCGGCTCCTGCGGCAGGGAAACGGGCCCGATGCTCGTCTGGAGGCCGCTTGGCCGACGTG
 CCGGAGCTGGCCCGACTCCTGGAGATTGACCCGTACCTGAAGCCCTTCGCCCGGACTTCCAGCGCAGGT
 ATAAGAAGTTTAGCCAGGTTTTGCATGACATTGGAGAGAATGAAGTGGGATCGATAAGTTCTCCAGAGG
 CTATGAGTCATTTGGCATCCACAGATGTTCTGATGGTGGCATTACTGCAAAGAATGGGCCCCAGGACA
 GAAGGAGTTTTTCTTACTGGAGAATTCAGTGGTTGGAATCCATTTTCTCACCCATATAAAAAGCTGGAAT
 ACGGAAAATGGGAGCTGTATATCCACCCAAGCAGAACAATCCCCCTGATACCTCATGGGTCCAAGCT
 GAAGGTAGTTATTACTAGTAAGAGTGGCGAGATACTGTATCGCATTTCGCCATGGGCAAAGTATGTGGTT
 CGTGAGAACAAACAACGTGAACTATGATTGGATACACTGGGCTCCAGAAGACCCCTATAAATTCAAGCATT
 CCAGACCTAAGAAACCAAGAAGCCTAAGAAATTTATGAATCTCATGTGGGAATTTCTCCACGAAGGAAA
 AATAGCTTCTTACAAACATTTTACCAGCAATGTACTACCAAGAATCAAAGACCTTGGGTATAACTGCATT
 CAGTTGATGGCGATCATGGAACATGCTTACTATGCCAGTTTTGGGTACCAATCACGAGCTTTTTGCGAG
 CTTCAAGTCGTTATGGAACCTCTGAAGAGCTGAAAGAACTTGTGACACAGCACATTCGATGGGCATTGT
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 TTACTTAAGGAATTTAAGATGAAGACTGGAATATGGGCAATATAGTGTACTCTCACCAATCGACGCT
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 GGAAATACAGCTTCATAAGATGATTCTGCTCATCTCACGGGCTCGGTGGAGAAGGCTATCTCAATTTCA
 TGGGTAATGAGTTTGGGCATCCTGAATGGTTGGACTTCCCAAGGAAAGGAAATAATGAGAGTTACCATTA
 TGCCAGAAGGCAGTTTAATTTAACCAGCATGACCTTCTTCGCTATAAGTTCCTAAATAACTTTGACAGA
 GATATGAATAGACTGGAAGAAAGATGTGGTTGGCTTTCAGCTCCACAGGCTACGTGAGTGAAAAACATG
 AAGCCAATAAGACAATCACCTTTGAGAGAGCAGGACTTCTTTTATTTTCAACTCCACCCAAGCAAGAG
 CTATACGGACTACCGAGTCGGGACAGCAACACCAGGGAAGTTCAAAATTTACTAGATTCTGACGCAGCG
 GAGTATGGAGTCATCAGAGACTGGACCACAACCAACTACTTTGCTGAGGCTTTTGAACATAATGGGC
 GCCCTATTCTCTTCTGGTGTACATTCCAAGCCGAGTGGCTCTCATCCTTCAGAATGTGGATCTGCAAAA
 CTGAAGAGACCTACACTCAGCCATCTCACGCCGACGTGTTGCCGCTGATCCCCCTCACAGTGTTGATAG
 CGTGTAAGCTTTGCAAAACACTGCTGTCTAGCCAAAACATCAGGCTGGAACCTCAGCGTTGGAATACGCAA
 ACATATAAGTTGCTTATGAAGGATGTGCTTAAATATTAGCAACGCTATTTTCAAAGCCATCCAAGAAAT
 TAGGATTTGCAAAATGAAGTGTAGCACATGATAATTTTTAAATATTACTTTTCTGGCAAAGCATTGATTC
 TTTTATTTTAAATTTGAATTTTATCATCAGGCATGATTATTTTGGCTGTAGTAAAAATATTTTTGAGATA
 GATATTTGGTGGCCTTATTTGTTCTATATCTACTTGTCTTAATGATGAGGTAAGTATTTTCTTTGTC
 TGTGTTTTTAAATTTGTTTTAGAAATACTGTATTAACACATAGCACTAATATAAAATGAGAATCTTATA
 AAAGATGATATAAAAAATTCGTATCTGTGCCTCACTTTCATTAAAGTTCTATCTTGTACTCTCCTGTCCGT
 ATACTGTTTCAGTAGACGCTGATATTTCACTCTCTGAAGACTTGAAGTGGTCATTGTAGCATTCTGAT
 AATGTCTTTCACCTTTCATCAATAAAAAGAAAAATGCCAAATTGCAAAAAAAAAAAAAAAAAAAAAAAAAAA AA

Restriction Sites: RsrII-NotI
ACCN: NM_028803
Insert Size: 2109 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).
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:	BC017541 , AAH17541
RefSeq Size:	2872 bp
RefSeq ORF:	2109 bp
Locus ID:	74185
UniProt ID:	Q9D6Y9
Cytogenetics:	16 40.19 cM
Gene Summary:	Required for normal glycogen accumulation. The alpha 1-6 branches of glycogen play an important role in increasing the solubility of the molecule.[UniProtKB/Swiss-Prot Function]