

Product datasheet for **RN217122**

Gbe1 (NM_001100502) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbe1 (NM_001100502) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gbe1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217122 representing NM_001100502
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCCGCGCGGCTCCTGCGGCAGAGGAGAAGGGCTCCGAAGCTCAACTGAAGGCCGCTTGCCG
 ATGTGCCGGAGCTGGCCGACTTCTGGAGATTGACCCGTACCTGAAGCCCTACGCCGAGACTTCCAGCG
 CAGGTATAAGAAGTTTAACCAGTTTTGTCATGACATTGGAGAGAATGAAGTGGTATTGATAAGTTCTCC
 AGAGGCTATGAGTCATTTGGCATCCACAGATGTTCCGATGGTGGCATATACTGTAAGAATGGGCCCCAG
 GAGCAGAAGGAGTTTTTCTACTGGAGAATTCAGTGGTGGAAATCCATTTTCTCATCCATATAAAAAAGT
 GGAATATGGGAAATGGGAGCTGTACATCCACCAAGCAGAATAAATCTCCCCAATACCTCATGGGTCC
 AAAGTGAAGGTAGTTATTACCAGTAAGAGTGGTGGATTTCTGTACCGCATCTCCCCGTTGGCAAAGTATG
 TGGTTCGCGAGAACAAACAGTGAAGTACGATTGGATACACTGGGATCCAGAAAACCCCTACAAATTCAG
 GCATTCAGACCTAAGAAACCCAGAAGCCTAAGAAATTTATGAATCTCATGTGGGAATTTCTCCCATGAA
 GGAAAGATAGCTTCTATAAACATTTTACTAGCAATGTACTACCAAGAATCAAAGACCTTGGGTACAAC
 GCATTCAGTTGATGGCGATCATGGAACACGCTACTATGCCAGCTTTGGGTACCAAGTCACCAGCTTTTT
 TGCAGCTTCAAGCCGTTATGGAAGTCTGAAGAGCTGAAAGAAGTGTGACACAGCACATTTGATGGGC
 ATTGTCGTCTCTGGACGTGGTACACAGCCATGCTTCTAAAACTCAGAAGACGGGTTAAACATGTTTTG
 ATGGGACCGATTCTGTTACTTTTCTTGGACCCAGAGGAACCCATGATCTTTGGGACAGTAGATTATT
 TATCTATTCAGCTGGGAAGTCTTAAGGTTCTTCTGTGCAACATAAGATGGTGGTTGGAGGAATACTGC
 TTTGACGGCTCCGTTTTGACGGTGTCACTCCATGCTGTATCATCACCATGGCATGGGTCAAGGTTTTT
 CAGGCGACTACAGTGAATTTTTGGACTCCAAGTAGATGAAGAGCTCTGGTTTACCTCATGTTGGCAAA
 TCATTTGACGCACACGATGTACCCAGACTCGATAACTATAGCAGAGGATGTATCAGGGATGCCGCCCTC
 TGTTCTCCAACGTCACAGGGAGGAGTGGTTTTGATTACAGATTAGCAATGGCCATTCGGATAAATGGA
 TCCAATTAAGGAATCAAAGATGAAGACTGGAACATGGGCAATATAGTGTATACGCTCACCAATCG
 ACGCCACCTTAAAAATGCGTGGCTTATGCAGAGAGCCATGATCAGGCACTGGTTGGTGACAAGACTG
 GCATTTTGGTTGATGGACGCCGAGATGTACACGAACATGAGCGTTCTGGCGCCTTTCACCCAGTAATTG
 ATCGAGGAATACAGCTTCAAGATGATTCGACTCATCACTCACGGGCTTGGTGGAGAAGGCTATCTCAA
 TTTTATGGGGAATGAGTTTGGGCATCCTGAATGGTTGGACTTCCCAAGGAAGGGAATAATGAGAGTTAC
 CATTATGCCAGAAGGCAGTTAACTTAACCGATGACGACCTTCTCGTTATAAGTTCCTGAATAACTTTG
 ACAGAGATATGAACAGACTGGAAGAAACATGTGGTTGGCTCTCGGCTCCGCAAGCCCTACGTGAGTAAAA
 GCACGAAGGCAATAAGACAATCACCTTTGAGAGAGCAGGACTTCTTTTTATTTTCAACTTCCACCAAGC
 AAGAGCTATACGGACTACCGAGTCGGGACAGCCATGCCAGGGAAGTTCAAATTTGATTAGATTCAGATG
 CAGCAGAATATGGAGGACATCAGAGACTGGACCACAGCACCAGCTACTTTGCCGAGGCTTTTGAACATAA
 TGGGCGCCCTATTCCCTTTTGGTGTACATTCCAAGCCGAGTGGCTCTCATCTTCAGAACGTGGATCTG
 CCAA**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100502

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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100502.1</u> , <u>NP_001093972.1</u>
RefSeq Size:	2937 bp
RefSeq ORF:	2109 bp
Locus ID:	288333
Cytogenetics:	11p11