

Product datasheet for **RN205005**

Gba (NM_001127639) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gba (NM_001127639) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gba
Synonyms:	MGC188451
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205005 representing NM_001127639
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCCAGGTTTCATAGGACTCTTCCTATTTTCAGGCCATATCTGGGCATATGGTGCCCAACCCTGCA
TCCCCAAAAGTTTTGGCTACAGCTCAGTGGTCTGTGTCTGCAATGCAACGTAAGTGTGACTCTTTGACCC
CCTGACCTTACCGGCTCTGGGTACCTTCAGCCGTTATGAGAGTACTCGAAGCGGACGTCGGATGGAGCTG
AGTACCGGTCATCCAGGCCAACCGCACTGGCACAGGGCTCCTACTAACCTTGCAGCCAGAAGAGAAGT
TCCAGAAAGTAAAGGATTTGGAGGTGCCATGACAGATGCCACTGCGCTCAACATCCTTGCTTGTCCCC
CCCGGCTCAGAACTGCTACTCAAGTCTACTTCTCTAGCGAAGGCATTGAGTATAACATCATCCGGGTA
CCCATGGCCAGTTGTGACTTCTCCATCCGCATCTACACCTATGCTGACACCCCTAATGACTTCCAGTTAT
CCAACCTCAGCCTCCCGGAGGAAGACCAAGCTCAAGATACCCCTGATTCACCGAGCCCTGAAGATGTC
CCCACGCCCATTTCACTCTTTGCCAGTCCCTGGACATCACCCACTTGGCTCAAGACCAATGGAGCAGTG
AATGGGAAAGGGTCACTCAAGGGTCACCCAGGGGATATCTATCACGAGGCTGGGCAATTAATTTGTCA
AGTTTCTGGATGCTTATGCTACACACAACATCAAATTCGGGCAGTGACAGCGGAGAATGAACCCCTGTC
AGGGCTCTTCACTGGGTACCCCTTCCAATGCCTGGGCTTCACTGCTGAACATCAGAGAGACTTTATTTCC
CATGATCTAGGGCCAGCCCTTGCCAACAGTTTCTCATGATGTGAAGCTACTCATACTGGATGATCAGCGGC
TGCTGCTACCCCGCTGGGCACAGGTGGTCTCTGACCCAGAGGCAGCCAAGTACGTTTCATGGCATCGC
TGTCCTGCTGATATGGATTTCTGGCTCCAGCCAAAGCTACTTTAGGAGAGACACCCGCTTGTCCCC
AACATGATGCTCTTTGCTTCAGAGGCTCGGTGGGCTCCAAGTTCTGGGAGCAGAGTGTTCGGTTAGGCT
CCTGGGATCGAGGGATGCAGTACAGTACAGCATCATTACGAACCTCCTTACCAGTAAGTGGATGGAC
TGACTGGAACCTTGCCCTGAATCCTGAAGGAGGGCCCAACTGGGTCCGCAACTTCGTTGATAGCCCCATC
ATTGTCGACATCCCCAAAGACACATTTTACAAGCAGCCATGTTCTACCATCTTGGCCACTTCAGCAAGT
TCATCCCTGAGGGATCTCAGCGAGTGGGCTTGGTGGCCAGTGAGAAGACCGACTTGGAAACAGTGGCACT
GATACGCCCTGATGGCTCTGCAGTTGTGGTCTGTTAAACCGATCGTCTAAGGATGTCCCTCTTACCATC
AGTGATCTGCCCTGGGCTTCATGGAGACCATCTCACCTGGCTACTCCATTACACTTACCTATGGCGTC
GCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001127639

Insert Size: 1548 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:

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_001127639.1](#), [NP_001121111.1](#)

RefSeq Size: 2159 bp

RefSeq ORF: 1548 bp

Locus ID: 684536

Cytogenetics: 2q34