

Product datasheet for **RN207227**

Gba2 (NM_001013091) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gba2 (NM_001013091) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gba2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207227 representing NM_001013091
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAACCTGCGTACCTGCCTCCGAGCAGATCGGCTGTGCGAAAGAGATTCACAAATTTATAGTGAAG
 ATACTGGAGGCACTGAGGCTGTGCGGGTTACAGACTGCCGGAGCCGGAGGACAGTGACCCCAAGATGA
 GCCAGGCTACTGCAATTCAGAGGACTCTGGGCAGCTGATGGCTCCTACGAGGGTAAAGTAGGGGCTAC
 CAGGTGCCTCCTTTGGCTGGCGGATTTGCTTGGCTCACGAGTTTGCAGAGAAGAGGAAACCTTTTCAGG
 CTAACAACGTCTCTCAGTAATTTGGTAAAGCATTTTCGGTATGGGCTTGAGGTAAGTGGTGGTA
 CCGGAAGACGCAGGTGAAAAGAAGACCCCTTTCATCGACATGTTCAATTCGTACCCCTGAGACAGATC
 TACGGTTGCCCTTGGTGGCATTGGAGGAGCCACATCACCCGGGGCTGGAGAGGCCAGTTCTGTCTGTT
 GGCAGCTTAATCCTGGAATGTACCAGCACCAGACAGTCATTGCAGACCAATTTATAGTATGCTTGGCTCG
 AGATGGGCGGACTGTGTATCAGCAAGTCTGTCTTGGAGCTTCCGAGTGTCTGCGCAGCTGGAAGTGG
 GGCTGTGTGGTTATTTTGGCTTCTACACGCCCTCTATCCCGAGCCTGGACAGTCTATCAGTTCCTG
 GCCAGAATGTCACCCCTACCTGTGCGCAGATCACACCTATCTTGCCTCATGATTACCAGGACAGCAGCCT
 CCCCAGTAGGAGTGTGGTGGGATGTAGAGAATGAAGGAGATGAGACTCTGGATGTGTCCATCATGTTTC
 TCCATGCGGAATGGACTAGGAGGTGAAGATGATGCTGCCGGAGGTTTGTGGAACGAGCCCTTCCGCTGG
 AACAGGATGGGACGACTGTACAGGGGCTACTCTGCATCATCAACCCCTCCGAACCCCTACACCATGGC
 TGTGGCTGCGCGACACACGGCAGATACCACAGTAACCTACACCACAGCCTTTGACCCCGACAGCACTGGG
 CAGCAGGTGTGGCAGGACTACTTCAAGATGGACAGCTGGACTCCCTGCTGGCCAGAGCACCACGACAC
 AGAGAGGAGAGGGTGTGCTGGGCTGTATGTGCTCCAGCAAGCTGTGCCACGAGCCGCTGTGCTT
 GGAGTTCTCACTGGCTTGGGATATGCCTAGGATCATGTTTGGAGCCAAAGGCCAAGTCCACTACAGGCGG
 TATACACGGTTCTTTGGTTCAGATGGTGTGTGGCGCCTGCCCTGAGCCACTATGCCCTGTGCCAGTATG
 CAGGTTGGGAGAACAGCATCTCAGCGTGGCAGAACCCAGTACTGGACGACAGATCCTTGCCTGCCTGGTA
 CAAATCTGCACTGTTCAATGAACATACTTCTGGCTGATGGAGGCACGGTGTGGCTGGAAGTTCCTGAA
 GACTCCCTACCAGAGGAGCTGGGAGGGAGTGTACCAGCTGCGCCCTATTCTGCAGGACTATGGGCGAT
 TTGGCTATCTCGAAGGCCAGGAGTACCGCATGTACAACACATACGATGTCCACTTCTACGCTTCTTTTGC
 TCTCGTATGCTGTGGCCAAACTTGTAGCTCAGTCTTCAATGATATGGCTCTGGCAACTTCAAGGAG
 GACCTGACACGGGACGGTACCTGATGAGTGGAGTGTGGCGCCTGTGAAAAGGAGGAACGTTATCCCTC
 ATGATATTGGGGATCCAGATGATGAGCCATGGCTCCGGGTCAACGCATATTTGATCCATGATACTGCTGA
 CTGGAAGGACCTGAACCTGAAGTTTGTGTTGCAAGTTTATCGGGACTATTACCTGACAGGCGATCAAGGC
 TTCTGAAGGACATGTGGCCTGTGTCTGGCTGTGATGGAGTCCGAAATGAAGTTTGTAAAGGACCAAG
 ATGGACTCATTGAGAATGGAGGCTATGCAGACCAGACCTACGATGGATGGGTACCACAGGCCCCAGTGC
 TTAAGTCCAGGATAAGTTTCTTCCATTCTGCGGAGGCCGGAAAGCTTATGAGAGATTGCTCTGGAACG
 GACGCTATTACAACACGACAGCAGCTCCAGCCACAGTCCCGCAGCGTCATGCTGACCAGTGTGCTGG
 GCAGTGGTTCCTGAGGGCCTGCGGCTGGGAGAAGGAGACACTGAAGTATCCCTACCCTGCATGTTGTC
 CGTGCTCTCAAAACCATCTTTGAGCTCAATGTCCAAGCCTTCGACAGGAGGAGCCATGGGGGCTGTGAATG
 GGATGCAGCCTCATGGTGTCCCTGATAGTCCAGTGTGCAGTCTGATGAAGTTTGGGTGGGCGTGGTCTA
 TGGGCTGGCAGCCACCATGATCCAAGAGGGCCTGACTTGGGAAGGTTTCCGGACAGCTGAAGGCTGTTAC
 CGCACTGTATGGGAACGCTGGGCTGGCTTCCAGACCCAGAGGCATACTGCCAGCAGCGAGTGTTC
 GCTCCCTGGCCTACATGCGGCCCTGAGCATCTGGGCCATGCAGCTGGCCCTTCAACAGCAGCAGCATAA
 AAAGAACAGCAGCCGGCCAGCAGTCACACAAGGCACAGCACCCAGCACAGCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001013091

Insert Size:	2715 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:	<u>NM_001013091.2</u> , <u>NP_001013109.2</u>
RefSeq Size:	3022 bp
RefSeq ORF:	2715 bp
Locus ID:	298399
Cytogenetics:	5q22