

Product datasheet for **RN208404**

Gna12 (NM_031034) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gna12 (NM_031034) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gna12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208404 representing NM_031034 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCGGGGTGGTGCAGCCCTCAGCCGCTGCTTGTGCCGGCCGAGGCCGGAGCCCGCGAGCGCAGGG
CGGGCGCGCGCGCAGCGGAACGCGAGGCCCGACGGCGCAGCCCGCAGCATCGACGCGCTGCTGGCCCG
CGAGCGCGCGCGGTGCGGGCGGTGGTCAAGATCTTGTGCTGGCGCCGGCGAGAGCGGCAAGTCCACC
TTCTCAAGCAGATGCGCATCATCCACGGCCGGGAGTTCGACCAGAAGGCGCTGCTGGAGTTCGCGGACA
CCATCTTCGACAACATCCTTAAGGGCTCGAGGGTGTGTTAGACGCTCGGACAAGCTTGGCATTCCCTG
GCAGCACTCTGAGAACGAGAAGCACGGGATGTTTCTGATGGCCTTCGAGAACAAGGCAGGGCTGCCTGTG
GAGCCTGCCACCTTCCAGCTCTACGTTCCAGCCCTGAGCGCACTCTGGAGAGACTCCGGGATCAGGGAAG
CCTTCAGCCGAGAAGCGAGTTCAGCTGGGTGAGTCAAGTACTTCTGGATAAAGTACCGGAT
TGGCCAGCTGAATACTTCCCCAGTAAGCAAGACATCCTGTTGGCTAGAAAGGCCACCAAGGGAATCGTG
GAGCATGACTTCGTGATAAAGAAAATCCCATTTAAGATGGTGGATGTGGCGGCCAGAGGTCGACGCGCC
AGAAGTGGTTCAGTGTTCGACGGGATCACATCGATCCTGTTTCAAGTGTCTCAAGCGAGTATGACCA
GGTCTCATGGAGGATAGGCGACCAACCGGCTGGTGGAGTCCATGAACATCTTCGAGACCATCGTCAAC
ACAAGCTCTTCAACGTCTCCATCATCTCTTCTCAACAAGATGGACCTGCTGGTGGAGAAGGTGA
AGTCGGTGAAGTAAAGAACACTTCCCAGACTTCAAGGGCGACCCGACCGGCTGGAGGACGTCACGG
CTACCTGGTCCAGTGTTCGACAGGAAGCGCAGGAACCGCGCAAGCCTCTGTTCCACCCTTCAACCACT
GCCATAGACACCGAGAACATCCGCTTCGTGTTTATCGCGTGAAGGACACCATCTCGAGGAGAACCTGA
AAGATATCATGCTGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031034
Insert Size:	1140 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:	NM_031034.2 , NP_112296.1
RefSeq Size:	3345 bp
RefSeq ORF:	1140 bp
Locus ID:	81663
UniProt ID:	Q63210
Cytogenetics:	12q11
Gene Summary:	may play a role in D5 dopamine receptor signal transduction and renal sodium transport [RGD, Feb 2006]