

Product datasheet for RN205465

Gart (NM_001011899) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gart (NM_001011899) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gart
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205465 representing NM_001011899 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGCCCGAGTTCTTGAATCGGTAGTGGAGGAAGGGAACACACCCTGGCCTGGAACTCGCACAAT
CCCCTCATGTCAAACAAGTGTGGTTGCCCCAGGAAATGCAGGCACAGCTTCTGCTGGGAAGATCTCCAA
TGCTGTGTCTCCATCAATGATCACACTGCTCTCGCTCGTTCGCAAGATGAAAAGATTGAACTCGTA
GTTGTTGGACAGAGGCCCTCTGGCTGCAGGGATTGTTGGGGACCTGACTTCTGCAGGAGTCCGATGCT
TTGGCCCCACGGCACAAGCAGCTCTACTGGAGTCCAGTAAAAAGTTTGCCAAAGAGTTTATGGACCGACA
TGGCGTCCCAACTGCACAGTGGCGGGCATTACCCAGCCCTGAAGACGCCTGCAGCTTTATTATGAGCGCG
GACTTTCTGCTTTGGTTGTGAAGGCCAGTGGCCTTGACGAGGGAAGGGGTGATTGTGGCGAAGAGCA
AAGCTGAAGCCTGCGAAGCTGTTGAGGAGATCATGCAAGAAAAGTCATTTGGAGCAGCCGGTAAACTGT
TGTCGTGGAGGAGCTTCTGGAAGGGGAAGAAGTGTCTTGCTGTGCTTCACTGATGGGAAGACAGTGGCC
CCAATGCCCCAGCACAAGACCATAAGCGATTGCTGGATGGAGATCGGGGACCCAACACTGGAGGAATGG
GAGCCTACTGCCCTGCACCTCAGGTTCCCTAAGGATTTGTTAGTAAAAATAAAAACACAATCTTCAGAG
AACAGTAGATGGCATGCAGCAGGAGGGGTGCCGTACACAGGAATCTTTATGCTGGTATAATGCTGACC
AAAGATGGCCAAAAGTTTTGGAGTTTAATTGCCGTTTTGGTGATCCAGAATGCCAGGTCATCTCCAC
TTCTTAAAAGTGACCTTTATGAAGTGATTCAAGTCCACCTTTGATGGCCTGCTGAGCGAGTCTCCGCTGT
TTGGCTAGAAAACCACAGTGCCGTAACCTGTTGTCATGGCGAGTGGAGGGTATCCTGGAGCCTACACCAAG
GGTGTGGAGATTACAGGGTTTCTGAGGCCAAGCTTTAGGACTGCAGGTCTTTCATGCAGGCAGTCTCT
TTAAAGATGCCAAAGTGGTGACCAGCGGGGCAGAGTCCCTCACAGTGACAGCTGTCCGGGAAAATCTCAT
GTCAGCCCTTGATGAGGCCAGGAAGGGACTCGCTGCTCTAAAAGTTTGAGGGAGCAGTTTACCGAAAGGAC
ATTGGCTTCCGTGCTGTGGCCTTCTCCAGCGGCCAGGGCCTGACCTACAAGGACTCTGGAGTAGACA
TTCAGCTGAAAATATGCTGGTTAAGAAAATTCAGCCTTTAGCCAAAGCTACCTCCAGACCAGCTGCAG
TGTTGACCTTGGGGCTTTGCTGGTCTTTTTGATTTGAAAGCAGCTGGTTTCAAAGATCTCTTCTGGCC
TCTGGAACAGACGGTGTGGAACATAAAGTAAAGATTGCCAGTGTGCAATAAGCATGACTCCATCGGT
AGGATCTGGTTGCGATGTGCGTGAACGACATCCTGCACAAGGAGCAGAGCCCTCTTCTCCTTGACTA



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CTTTTCCTGTGGAAAACCTTGACCTTAGTACAACCTGAGGCTGTGGTTGCTGGAATTGCTGCAGCTTGCCGA
 CAGGCTGGGTGTGCTCTCCTAGGTGGGGAGACAGCAGAGATGCCCGACATGTACCCCTGGAGAGTATG
 ATCTTGCCGGATTTGCTGTTGGTGTCTATGGAGAGACACCAGAAGCTCCCTCAGCTAGAAAAGGATCGCCGA
 AGGAGATGCCGTTATTGGAGTGGCTTCACTGGTCTTACAGCAATGGCTTTAGCCTTGTGAGGAAAATT
 GTGGAGAGGTCTTCACTCCAGTACTCTCTCCAGCACCAGGTTGGTTGTGGAGATCAGACTTTAGGGGACT
 TACTTCTAACTCCAACCAGGATCTACAGCCATTCACTGCTGCCTATCATACGTTCCAGGACGTGTCAAAGC
 TTTTGCTCATATTACTGGAGGTGGATTGCTGGAAAACATCCCCAGAGTCTCCCTCGGAAGCTTGGAGTA
 GATTTAGATGCCATACCTGGAGGGTCCCAAGGTCTTCTCATGGCTACAGCAAGAAGGACAGCTCTCTG
 AAGAAGAAATGGCCAGGACATCAACTGTGGGGTTGGAGCTGCCCTGGTGGTATCAAAGGACCAAACAGA
 GCAGATTCTCCATGACATTTCGGCAGCACCAGGAAGACGCCTGGGTGATAGGCAGTGTCTGTGAGTGTCC
 GAAGATTCCCCTCGTGTGAGAGTAAAGAATCTGATTGAAACCATGCAAACAAAGGGGTGAGTGGTGACAA
 ACGGCTTCTGAGAAGTAATTTCCCTAGCCAGCAAAAGAAAGCAAGAGTGGTGTCTTAATCTGGAAC
 AGGGTCGAACCTCCAGGCACTCATAGACAGCACTCGGGATCCAAAAGCTCTCACACATCGTTCTTGTC
 ATCTCCAACAAAGCTGCAGTTGCTGGCTTAGACCGAGCAGAGCGAGCTGGCATTCCACCAGGGTGATTA
 ATCATAAGTTATATAAAGTCGTGTCGAGTTTGACAACGCAGTTGACCATGTCTGGAAGAGTTCTCAGT
 AGACATAGTCTGTCTCGCAGGATTCATGAGGATCCTCTCTGGCCGTTTGTGAGAAAATGGGATGGGAAA
 ATGCTCAACATCCACCCGTCCTTGTCTCCCTTTTAAAGGGTTCAAATGCTCACGAGCAGTTCTGGAGG
 CTGGAGTCAACATTACTGGGTGCACCGTACACTTTGTAGCTGAAGACGTAGATGCCGGGCAAATCATCT
 ACAGGAAGCTGTCCCTGTGACAGGGGACGACACTGTTGCAACACTGTCTGAACCGCTCAAGGCAGCAGAA
 CATAAGATATTTCTGACGCCCTCCAACCTAGTGCCAGTGGGGCTGTGCAGCTGGGAGAAGACGGCAAGA
 TCCACTGGGCCAGAGAGCAGTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001011899

Insert Size: 3033 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_001011899.2](#), [NP_001011899.2](#)

RefSeq Size: 3405 bp

RefSeq ORF: 3033 bp

Locus ID: 288259

Cytogenetics: 11q11