

Product datasheet for **RN208016**

Got2 (NM_013177) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Got2 (NM_013177) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Got2
Synonyms:	ASPATA; mAAT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208016 representing NM_013177 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCTCTGCACTCCGGTCGCGTCCTCTCCGGGATGGCTGCTGCCTTTCACCCAGGCCCTGCAGCCG
CAGCCTCTGCCAGAGCCAGCTCCTGGTGGACCCATGTTGAAATGGGACCTCCAGATCCCATCCTGGGAGT
GACCGAAGCCTTCAAGAGAGATACCAACAGCAAGAAGATGAACCTGGGAGTTGGTGCCTACCGGGACGAT
AACGGAAAAGCCTTACGTGCTCCCAAGTGTTCGGAAGGCAGAGGCCAGATTGCTGGGAAAAATTTGGACA
AAGAATACCTACCCATCGGGGGACTGGCTGATTTTTGTAAAGCTTCTGCAGAACTGGCCCTGGGCGAGAA
CAGCGAAGTGTGAAAAGCGGCCGGTTTTGTAAGTGTGCAGACCATTTCCGGGACTGGAGCCTTGAGGGTC
GGAGCCAGCTTTCTGCAAAGATTTTTAAGTTCAGCCGAGATGTCTTTCTGCCAAACCATCCTGGGGAA
ACCACAGCCCATCTTCAGGGATGCCGGCATGCAGCTGCAAGTTATCGATACTATGACCCCAAGACTTG
CGGCTTTGACTTCTCTGGAGCCTTAGAAGACATATCAAAAATCCCAGAGCAGAGTGTCTCCTTCTGCAC
GCCTGCGCTCACAAACCCACGGCGTGGACCCGCGTCCAGAGCAGTGAAGGAAATGGCGCGGTGGTGA
AGAAAAAGAATCTTTCGCACTTTTGACATGGCCTACCAAGCTTTGCCAGCGGCGATGGTGATAAGGA
CGCCTGGGCCGTGCGGCACTTATCGAGCAGGGCATCAATGTCTGCCTCTGCCAATCCTATGCCAAGAAC
ATGGGCCGTGACGGTGAGCGTGTGGGAGCCTTCACTGTGGTCTGCAAAGATGCAGAAGAAGCCAAAAGGG
TGGAGTACAGCTGAAGATCCTGATCCGCCCTTGTATTCCAACCCGCTCTCAATGGAGCCCGGATCGC
CGCAACCATCCTGACTTCTCCAGACTTGCAGCAAGCAATGGTTGCAGGAGGTGAAAGGCATGGCTGACCCG
ATCATCAGCATGAGGACCCAGTTGGTCTCCAACCTGAAGAAAGAGGGCTCGTCCCACAACGGCAGCACA
TCACCGACCAGATCGGCATGTTCTGCTTACCAGCCTAAAGCCTGAGCAGGTGGAGCGGCTGACCAAGGA
GTTCTCAGTCTACATGACAAAGGATGGTGAATCTCTGTGGCCGGGTACCTCTGGCAATGTGGGCTAC
CTGGCCACGCCATTACCAGGTCACCAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013177
Insert Size:	1293 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_013177.2 , NP_037309.1
RefSeq Size:	2372 bp
RefSeq ORF:	1293 bp
Locus ID:	25721
UniProt ID:	P00507
Cytogenetics:	19p13
Gene Summary:	mitochondrial aspartate aminotransferase isozyme [RGD, Feb 2006]