

Product datasheet for **RN205633**

Got1 (NM_012571) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Got1 (NM_012571) Rat Untagged Clone
Tag: Tag Free
Symbol: Got1
Synonyms: ASAT; Aspat; cAspAT; cCAT; Gaspat
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205633 representing NM_012571
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCTCCATCATTCTTTGCCAGGTTCCACAGGCCCGCCGGTTCTGGTCTTTAAGCTCATTGCGG
ACTTCCGGGATGATCCCATCCCAGGTTAACCTCGGCGTGGGAGCGTACCGCACAGATGACTCTCA
GCCCTGGGTTTTGCCAGTAGTGAGGAAGGTCGAACAGAAGATTGCTAACGACCACAGTCTCAACCACGAG
TACTTGCCCATCTGGGCTGGCGGAGTCCGGAGCTGTGCTTCTCAGCTAGTACTTGGGACAACAGCC
CAGCTCTCAGGGAGAATCGGGTTGGGGGTGTGCAGTCTTTGGGAGGGACCGGTGCACTTCGAATTGGAGC
TGACTTCTTAGGGCGATGGTACAATGGCACAGACAACAAGAACACGCCCTCTACGTATCATCGCCGACC
TGGGAGAACCATAATGGCGTGTCTTCTGCCGCTGGTTTTAAAGACATTCCGGTCTATCGCTACTGGGATG
CAGAGAAGAGAGGACTTGATCTCCAGGGTTTCTGAATGATCTGGAGAATGCTCCTGAGTTCTCCATCTT
TGTCTCCACGCCGTGTGCACACAACCAACGGGGACCGACCAACTGAAGAGGAGTGAAGCAGATCGCC
GCCGTATGAAGCGCCGTTTTCTGTTCCCTTCTTTGACTCAGCCTATCAGGGCTTTGCATCTGGAGACC
TAGAGAAAGATGCCTGGGCTATTTCGCTATTTGTGTCTGAAGGCTTCGAGCTCTTCTGTGCCAGTCCTT
CTCCAAGAACTTCGGGCTCTACAATGAGAGAGTGGGAACTCTGACCGTGGTCGGAAGAGCATGACAGC
GTCCTGCGGGTCTTTCCAGATGGAGAAGATTGTACGAATCACCTGGTCCAATCCCCCTGCCAGGGAG
CTCGGATCGTGGCCACCACCCTCTCAACCCTGAGCTCTTTAAGGAGTGGAAAGGAAACGTGAAGACAAT
GGCTGACCGGATTCTGACCATGAGATCCGAACCTCAGGGCGCGACTAGAAGCTCTCAAGACTCCCGGGACT
TGGTCTCACATCACTGAGCAGATTGGAATGTTGAGCTTTACTGGGTTGAACCCCAAGCAGGTCGAGTATT
TGGTCAACGAGAAGCACATCTATCTGATGCCGAGCGGTTCGGATCAACATGTGCGGCTTGACCACCAAGAA
CCTAGATTACGTGGCTACCTCCATCAATGAAGCTGTACCAAATTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012571
Insert Size:	1242 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_012571.2 , NP_036703.2
RefSeq Size:	1998 bp
RefSeq ORF:	1242 bp
Locus ID:	24401
UniProt ID:	P13221
Cytogenetics:	1q54
Gene Summary:	cytosolic aspartate aminotransferase isozyme; enzyme activity in liver and kidney increase in response to glucocorticoids [RGD, Feb 2006]