

Product datasheet for **RR214843**

Btg1 (NM_017258) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Btg1 (NM_017258) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Btg1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214843 representing NM_017258
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCATCCCTTCTACACTCGGGCCGCCACCATGATAGGCGAGATCGCCGCCGGGTGTCCTTTCATCTCCA
AGTTCCTCCGCACCAAGGGGCTCAGGAGCGAGCGACAGCTGCAGACTTTCAGCCAGAGCCTGCAGGAAT
GCTGGCAGAGCATTACAAACATCACTGGTCCAGAAAAGCCGTGCAAGGGATCAGTTACCGTTGTATT
CGCATCAACCATAAGATGGATCCTCTGATTGGACAGGCAGCCAGCGGATTGGACTGAGCAGTCAAGAGT
TGTTCAAGCTTCTCCAAGTGAAGTCACTCTGGGTTGACCCCTACGAAGTGTCTACAGGATTGGAGA
GGATGGCTCCATCTGTGTCTGTATGAAGCCTCACCAGCGGGAGGTAGCTCTCAAAACAGCACCAACGTG
CAAATGGTAGACAGCAGAATCAGCTGTAAGGAGGAAGTCTCTTGGGCAGAACAAAGCCCTTCAAAAACT
ACAATATGATGACTGTATCAGGT

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214843 representing NM_017258
Red=Cloning site Green=Tags(s)

MHPFYTRAATMIGEIAAAVSFISKFLRTKGLT SERQLQTFSSQLQELLA EHYKHHWFPEKPKGSGYRCI
RINHMDPLIGQAAQRIGLSSQELFRLLPSELTLWVDPYEVSYRIGEDGSICVLYEASPAGGSSQNSTNV
QMVDSRISCKEELLLGRTSPSKNYNMMTVSG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_017258.1</u> , <u>NP_058954.1</u>
RefSeq Size:	1464 bp
RefSeq ORF:	516 bp
Locus ID:	29618
UniProt ID:	<u>Q63073</u>
Cytogenetics:	7q13
MW:	19.2 kDa
Gene Summary:	putative antiproliferative protein that may function in adaptive response to protein deficiency and in spermatogenesis [RGD, Feb 2006]