

Product datasheet for RN215035

B4gat1 (NM_001106324) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B4gat1 (NM_001106324) Rat Untagged Clone
Tag:	Tag Free
Symbol:	B4gat1
Synonyms:	B3gnt1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215035 representing NM_001106324 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAATGTCCTACGCCATCCGATGCGCCTTCTACCAGCTGCTGCTGGCCGCGCTCATGTTGGTGGCAA
TGCTGCAGCTGCTCTACCTATCGCTGCTCTCCGGTCTGCACGGCCAGGAGGAGCAAGAACAGTATTTCTGA
GTTCTTCCCGCCGCTCCTCCGATCCGTAGACCAGGTAAGTCTCAACTCCGACCCGACTGGCCTCCGGA
GGCGTTCTGGATGCCAGCGGCGATTATCGCGTCTACAGGGGTCTACTGAAGACCACCATGGACCCCAACG
ATGTCATCTTGGCCACGCATGCCAGCGTAGACAACCTACTGCACCTGTCCGGACTTCTGGAGCGCTGGGA
GGGTCCGCTGTCCGTTTCAGTGTTCGCGGCCACCAGAGAAGAGGCGCAGCTGGCCACGGTGTGGCCTAC
GCGCTGAGCAGCCACTGCCCGAGATGCGCGCCAGGGTGCCTATGCACCTCGTGTGCCCTCGCGTTATG
AGGCCGCTGTGCCGACCCCGAGAGCCTGGGGAGTTTGCCTGCTGCGGTCTGTCAAGAGGTCTTTGA
CAAGCTAGCCAGGGTGGCCCAACCCGGGATTAATTATGCACTGGGACCAACATCTCTATCCCAATAAC
CTGTTAAGGAATCTGGCTCGAGAAGAAGCAATTATGCCCTGGTATCGATGTGGACATGGTGCCTAGCC
AAGGGCTGTGGAGAAGCCTAAGGGAAATGTTGGATCAGAGTAACCACTGGGATGGCACAGCCCTGGTGGT
GCCTGCGTTTGAATTCGCCGAGCCCGCGGATGCCGATGAACAAGAACGAGCTAGTACAGCTCTATCAG
GTGGGCGAAGTCCGGCCCTTCTATTATGGGCTATGCACGCCTTGCCATGCGCCCACTACTCCCGCT
GGGTCAACCTGCCAGAAGAGAGTTTGTGAGACCTGCCTACGTGGTGCCTGGAGGGACCCTGGGAACC
GTTTTACGTGGCTGGAGGAAAGGTGCCACATTTGATGAACGCTTTTCGGCAGTATGGTTTCAATCGAATC
AGCCAGGCTTGTGAAGTGCACATGGCAGGGTTAATTTGAGGTGCTGAACGAAGTTTTCTGGTTCATA
AGGGATTCAAGGAGGCATTGAAGTTTACCCCCAAAAGGAGGCTGAAAACCAGCGCAATAAGATTCTTTA
CCGACAATTCAACAGGAGTTGAAGGCTAGGTACCCCAACTCTCCCAACCGATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106324
Insert Size:	1248 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:	<u>NM_001106324.1, NP_001099794.1</u>
RefSeq Size:	1980 bp
RefSeq ORF:	1248 bp
Locus ID:	293667
Cytogenetics:	1q43