

## Product datasheet for **RN207303**

### **B3gat1 (NM\_054003) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	B3gat1 (NM_054003) Rat Untagged Clone
Tag:	Tag Free
Symbol:	B3gat1
Synonyms:	Hnk-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207303 representing NM_054003 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGGTAATGAGGAGCTGTGGGCGCAGCCAGCCTTGGAGATGCCGAAGAGAAGGGACATCCTCGCGATTG  
TCCTCATTGTGCTTCCCTGGACTGCTCATCACCGTCTGGCACCAGAGCAGCCTCGCACCTCTGCTTGC  
TGTGCACAAGGATGAGGGAAGTGACCCCGCCATGAGGCACCACCGGTGCGGACCCTAGGGAGTACTGC  
ATGTCCGACCGTGACATCGTGGAGTGGTGGCAGAGTACGTGTACAGAGGCCGCCACCGTGGTCCG  
ACACGCTGCCACCATCCATGTGGTGACGCCACCTACAGTAGACCGGTGCAGAAGGCAGAGCTGACGCG  
AATGGCCAACACGCTATTGCATGTGCCAACCTTCACTGGCTGGTGGAGGATGCTCCACGTAGGACG  
CCCCTCACAGCGCGCTGCTGCGGACACTGGCCTCAACTATACACACCTGCACGTAGAGACACCACGCA  
ACTACAAGCTGCGAGGTGACGCCGAGACCCTCGCATCCCACGTGGCACCATGCAGCGCAATCTGGCCCT  
GCGCTGGTTGCGGGAGACCTTCCACGGAACCTCACTCAGCCGGGTGTAGTGTACTTCGACAGATGACGAC  
AACACGTACAGTCTGGAGCTCTTTGAAGAGATGCGCAGCACAAGAAGGGTGTCCGTGTGGCTGTGGCCT  
TTGTTGGCGGCCCTTCGGTATGAGGCCCCCGGGTGAATGGGCGAGGAAAGTGGTGGCTGGAAGACAGT  
CTTCGACCCCAACCGCCATTTGCAATAGACATGGCTGGATTTGCTGTCAACCTCCGGCTCATCTTGCAA  
CGAAGCCAGGCCTACTTTAAGCTACGTGGGTAAGAGGAGCTACCAGGAAAGCAGTCTCCTTCGAGAAC  
TTGTCAACCTCAATGATCTAGAGCCCAAGGCAGCAAAGTGTACCAAGATCCTGGTCTGGCATACCGGAAC  
AGAGAAGCCAGTCTGGTGAATGAGGGGAAGAAGGGCTTCACTGACCCCTCGGTGGAGATCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1482\\_f08.zip](https://cdn.origene.com/chromatograms/ja1482_f08.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_054003
<b>Insert Size:</b>	1044 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_054003.1</a></u> , <u><a href="#">NP_446455.1</a></u>
<b>RefSeq Size:</b>	2090 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	117108
<b>UniProt ID:</b>	<u><a href="#">O35789</a></u>
<b>Cytogenetics:</b>	8q13
<b>Gene Summary:</b>	mediates cell-cell and cell-substrate interaction and recognition during the development of the nervous system [RGD, Feb 2006]