

Product datasheet for **SC123079**

BAT4 (GPANK1) (NM_033177) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAT4 (GPANK1) (NM_033177) Human Untagged Clone
Tag:	Tag Free
Symbol:	BAT4
Synonyms:	ANKRD59; BAT4; D6S54E; G5; GPATCH10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_033177 edited
ACGAGGGTGACGTTATTTTCATTACACGGCTTCTCGGCATTCCACAGGTTTCCCTCCGCCT
CCTGAGGGCCTTTCTAACCACAGAGTGGATTCTGGCTCCAGAAAATGGGCTTGGAGC
GGGGGCCACGTTGAGGAAGGCGAAGGGCATTGTGGGGCGTTATGTAAGTAGGACCC
AACCGACAGATCCTAGTCTCGGCCACCTGGGCGCGGAGCTTTGCTCGTTTACTATT
GAAAAAGTCCAGCGCGGAACTGAACCCGGAGCTTTGCGCACGCCCGAGCCCTCAAGT
AATGTGGTGTGGTTTTGTTGTTGTTGTCGCCACGCATGCGTCTTCGTGCCGTGGC
TATTTGATTGTGTCAACTCTTCTGATTAGAATGGCGCCATTTTTCGGTACGGAAGCTACA
CAGCAACACGTATAGGAGACTCTCCCGAGATCTTCTAGGGAGTGACCCATCTATTTTTG
TTTGGGAAGAGAACTCCGAAATGGGATCGCGGAAGACTTAAAGGGCCAGGCTGATTTT
TTTTCTACTGGTCTCTGAGGCTGTGGTTGCTACAGGGTACCACGAGCTTGGCTTACT
TGTCTCATCTTCCCTTGCCTGGTATCATTCTCAGTTCTCCAAAAGCCATGTCCCGG
CCCTTGTCTATCACCTTACCCAGCCACTGACCCAGCGACCTTGGAAGGATGGGCAG
CAGCAGCCACAGCCGAGAAGCCAGAGTCCACCCTGGATGGGGCTGCAGCCCGAGCTTC
TATGAGGCCCTGATTGGGGATGAGAGCAGCGCTCCTGACTCCCAGAGATCTCAGACTGAA
CCTGCCAGAGAAAAGAAAAGAAAAGAAAAGAAAATAATGAAGGCACCAGCAGCAGAAAGCA
GTGGCAGAAGGAGCATCAGGAAGACATGGACAAGGGAGATCCCTTGAGGCTGAGGATAAG
ATGACTCACCGGATACTGAGGGCAGCCAGGAGGGGACCTGCCAGAACTTAGGAGACTG
CTGGAACCGCATGAGGCAGGAGGAGCTGGGGGGAATATCAACGCCGGGATGCCTTCTGG
TGGACCCACTGATGTGTGCTGCTCGAGCGGGCCAGGGGGCAGCTGTGAGCTATCTCCTG
GGCCGTGGGGTGCCTGGGTGGGGTCTGTGAGCTGAGTGGCAGGGATGCGGCTCAGCTC
GCTGAAGAAGCTGGCTTCCCTGAGGTAGCCCGCATGGTCAGGGAGAGCCATGGAGAGACA
AGGAGCCCGAAAACCGGTCTCCTACTCCCTCCCTCCAGTACTGCGAGAAGCTGTGACACC
CACTTCCAAGATTCCAACCCAGCCACATCCACTGCTCACCTGCTGCTACTGTCGCGAGGGT
CCTCAGCCTCCCAACCTTCCACTTGGGGTGCCATCTCCAGCCCGGGCTTCAAAGTCTG
CTGAGGGGGGGCTGGGAGCCAGGAATGGGGCTGGGACCCCGGGTGGGGCCGTGCCAAT
CCCATCCCCTGCTCCTCAAGAGGGACCAGGAAGGACTAGGCTACAGATCAGCACCCAG
CCCCGAGTGACACATTTCCAGCTTGGGATACCCGAGCTGTGGCTGGGAGGGAGAGACCC
CCTCGGGTGGCCACACTGAGCTGGAGGGAGGAGAGAAGGAGGGAGGAGAAAGACAGGGCT
TGGGAGCGGGATCTAAGGACTTACATGAACCTCGAGTTCTGACTTTGGTAAAGTCTGACC
CTAGTCTGCTGCTGAAGTCTGAACCTGGGCCTCTGACCTGGGCCCTTTGACTTCCCCTTC
CTGGGATCTGCTCAGATGCAGATCCTGAAGTTTTTGGTCAATAGGCTCTGTCTTCTGTGAG
AGACGGGCTGAGAGTCAGAAATAAATCAACCATTTGTGGTTTTAAAAAAAAAAAAAAAAAAAA
AAAAA
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_033177 unedited
GCTCTTTCGNGATTTTGTNAATCACGATCACTATAGGGCGGCACGCGAATTCGCACGAG
GGTGACGTTATTTTCATTACACGGCTTCTCGGCATTCCACAGGTTTCCCTCCGCCTCTGA
GGGCCTTTCTAACCACAGAGTGGATTCTGGCTCCAGAAAATGGGCTTGGAGCGGGGG
CCACGTTGAGGAAGGCGAAGGGCATTGTGGGGCGTTATGTAAGTAGGACCCCAACC
ACAGATCCTAGTCTCGGCCACCTGGGCGCGGAGCTTTGCTCGTTTACTATTGAAAA
AGTTCAGCGCGGAACTGAACCCGGAGCTTTGCGCACGCCCGAGCCCTCAAGTAATGT
GGGTTGTGGTTTTGTTGTTGTTGTCGCCACGCATGCGTCTTCGTGCCGTGTGGCTATTT
GATTGTGTCAACTCTTCTGATTAGAATGGCGCCATTTTTCGGTACGGAAGCTACACAGCA
ACACGTATAGGAGACTCTCCCGAGATCTTCTAGGGAGTGACCCATCTATTTTTGTTTGG
GAAGAGGAAACTCCGAAATGGGATCGCGGAAGACTTAAAGGGCCAGGCTGATTTTTTTTT
CCTACTGGTCTCTGAGGCTGTGGTTGCTACAGGGTACCACGAGCTTGGCTTACTTGTCT
CATCTTCCCTTGCCTGGTATCATTCTCAGTTCTCCAAAAGCCATGTCCCGGCCCTT
GCTCATCACCTTACCCAGCCACTGACCCAGCGACCTTGGAAGGATGGGCAGCAGCA
GCCACAGCCCGAGAAGCCAGAGTCCACCCTGGATGGGGCTGCAGCCCGAGCTTTCTATGA
GCCCTGATTGGGGATGAGAGCAGCGCTCCTGACTCCCAGAGATCTCAGACTGAACCT
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Restriction Sites:	Please inquire
ACCN:	NM_033177
Insert Size:	1926 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_033177.2</u> , <u>NP_149417.1</u>
RefSeq Size:	1920 bp
RefSeq ORF:	1071 bp
Locus ID:	7918
UniProt ID:	<u>O95872</u>
Cytogenetics:	6p21.33
Gene Summary:	<p>This gene is located in a cluster of HLA-B-associated transcripts, which is included in the human major histocompatibility complex III region. This gene encodes a protein which is thought to play a role in immunity. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, 4, and 5 encode the same protein.</p>