

Product datasheet for **SC321762**

BAT5 (ABHD16A) (NM_021160) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAT5 (ABHD16A) (NM_021160) Human Untagged Clone
Tag:	Tag Free
Symbol:	BAT5
Synonyms:	BAT5; D6S82E; hBAT5; NG26; PP199
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_021160.1
 TGCTGCTGGAAGAGCAGCGGCCCGAGCCGGGGCCATGGCGAAGCTGCTGAGCTGCGTCCT
 AGGCCCGGGCTCTACAAAATCTACCGGGAGAGGGACTCTGAAAGGGCCCGGCCAGCGT
 CCCTGAGACGCCAACGGCAGTCACTGCCCCCATTCAGCTCCTGGGATACGTACTATCA
 GCCCGTGGCCCTGGAGAAACATGCTGACAGCATCTGGCACTGGCTTCAGTATTCTGGTC
 CATCTCTTATTACTCTCTCCCTTCGCCTTCTTCTACTGTACAGGAAAGGTTACTTGAG
 TTTGTCCAAAGTGGTGGCGTTTTCTCACTATGCTGGGACATTGCTGCTACTTCTGGCAGG
 TGTGGCCTGCCTCCGAGGCATTGGCCGCTGGACCAACCCCAAGTACCGGCAGTTCATCAC
 CATCTTGAAGCAACACATCGGAACCAAGTCTTCAGAAAACAAGAGGCAGCTTGCCAACTA
 CAACTTTGACTTCCGGAGCTGGCCAGTCGACTTCCACTGGGAAGAACCAGCAGCCGGAA
 GGAGTCTCGAGGGGGCCCTTCCCGCCGGGTGTGGCCCTGCTTCGCCAGAGCCCTGCA
 CCGGGGGACAGCAGACACCCTCCTCAACCGGGTTAAGAAGCTGCCTTGTGAGATCACCAG
 CTACCTGGTGGCGCACACCCTAGGGCGCCGATGTTGTATCCAGGCTCTGTGACCTGCT
 GCAGAAGGCCCTCATGCCTGTGCTGCTGCAGGGCCAGGCCGACTGGTGGAAAGAGTGAA
 TGGGCGCCGGGCAAAGCTGCTGGCCTGTGATGGCAATGAGATTGACACCATGTTTGTGGA
 CCGGCGGGGACAGCTGAGCCCCAGGGACAGAAGCTGGTATCTGCTGTGAGGGGAATGC
 TGGGTTTTATGAGGTGGGCTGCGTCTCCACGCCCTGGAAGCTGGATATTCAGTCCCTGGG
 CTGGAATCATCCAGGCTTTGCTGGAAGCACGGGGTGCCATTCCCGCAGAATGAGGCTAA
 TGCCATGGATGTGGTGGTCCAGTTTGCCATCCACCGCCTGGGCTTCCAGCCCCAGGACAT
 CATCATACGCTGGTCCATCGGCGGCTTCACTGCCACGTGGGAGCCATGTCTACCC
 AGATGTTAGTGCCATGATCCTGGATGCCTCCTTTGATGACCTGGTGCCTTGGCCTTGAA
 GGTCATGCCAGACAGCTGGAGGGCCTGGTGACCAGGACCGTGAGGCAGCATCTCAATCT
 AAACAACGCGGAGCAGCTGTGCAGATACCAGGGTCTGTACTGCTGATCCGGAGAACCAA
 GGATGAGATCATCACCACCAGGTTCTGAGGACATCATGTCCAACCGAGGCAATGACCT
 CCTGCTGAAGCTCCTGCAGCATCGGTATCCCCGGGTGATGGCAGAGGAGGGTCTTCGAGT
 GGTGAGGCAGTGGTTGGAGGCCTCCTCACAGCTGGAGGAAGCCTCAATTTATAGCCGATG
 GGAGGTGGAAGAGGACTGGTGTCTGTCTGCTCCTCCGCTCCTACCAGGCAGAACACGGGCC
 CGACTTCCCCTGGAGCGTGGGGAGGACATGAGTGCAGATGGACGGCGGCAGCTGGCTTT
 GTTTCTGGCTCGGAAGCATCTGCACAACCTTGGAGCCACTCACTGCACCCCACTCCCAGC
 CCAGAACTTCCAGATGCCCTGGCACCTTAGGGACCAACTGGGACTCATTATGGAAGAAT
 GGGGTGAGAGGAGACATGAGGAAAGACCCTCTTATTTGTGATTCTCTGTGTTTCATGTTGC
 TGTTTATAGTTTGTGAAAGTGGGGACCATCCCCCTTCTCACCCTGTTCTCTTGCAC
 GTTTCCCCTCATTGATGGCTGTACTTAACCTTCTCCAACATACATCCTGCATTACATG
 AATGGATTATTCCTAATAATTAATAAAAAGGTATTTTTTCTACTAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_021160

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:

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_021160.1](#), [NP_066983.1](#)

RefSeq Size: 1960 bp

RefSeq ORF: 1677 bp

Locus ID: 7920

UniProt ID: [O95870](#)

Cytogenetics: 6p21.33

Protein Families: Transmembrane

Gene Summary: A cluster of genes, BAT1-BAT5, has been localized in the vicinity of the genes for tumor necrosis factor alpha and tumor necrosis factor beta. These genes are all within the human major histocompatibility complex class III region. The protein encoded by this gene is thought to be involved in some aspects of immunity. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2010]
 Transcript Variant: This variant (1) encodes the longer isoform (a).