

Product datasheet for **RG205122**

BAT5 (ABHD16A) (NM_021160) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAT5 (ABHD16A) (NM_021160) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BAT5
Synonyms:	BAT5; D6S82E; hBAT5; NG26; PP199
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG205122 representing NM_021160
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGAAGCTGCTGAGCTGCGTCTAGGCCCCCGGCTCTACAAAATCTACCGGGAGAGGGACTCTGAAA
 GGGCCCCGGCCAGCGTCCCTGAGACGCCAACGGCAGTCACTGCCCCCATTCAGCTCCTGGGATACGTA
 CTATCAGCCCCGTGCCCTGGAGAAACATGCTGACAGCATCCTGGCACTGGCTTCACTATTCTGGTCCATC
 TCTTATTACTCTCTCCCTTCGCTTCTTCTACTTGTACAGGAAAGTTACTTGAGTTTGTCCAAAGTGG
 TGCCGTTTTCTCACTATGCTGGGACATTGCTGCTACTTCTGGCAGGTGTGGCTGCCTCCGAGGCATTGG
 CCGCTGGACCAACCCCCAGTACCGGCAGTTCATCACCATTGGAAGCAACACATCGGAACCAGTCTTCA
 GAAAACAAGAGGCAGCTTGCCAACTACAACCTTTGACTTCCGGAGCTGGCCAGTCCACTGGGAAG
 AACCCAGCAGCCGAAGGAGTCTCGAGGGGGCCCTTCCCGCCGGGTGTGGCCCTGCTTCGCCCAGAGCC
 CCTGCACCGGGGACAGCAGACACCCTCCTCAACCGGTTAAGAAGCTGCCTTGTAGATCACCAGCTAC
 CTGGTGGCGCACACCCTAGGGCGCCGGATGCTGTATCCAGGCTCTGTGTACCTGTGCAGAAGGCCCTCA
 TGCTGTGCTGCTGCAGGGCCAGGCCCGACTGGTGAAGAGTGTAAATGGGCGCCGGGCAAAGCTGTGGC
 CTGTGATGGCAATGAGATTGACACCATTGTTGTGGACCGGGGGGACAGCTGAGCCCCAGGGACAGAAG
 CTGGTGATCTGCTGTGAGGGGAATGCTGGGTTTTATGAGTGGGCTGCGTCTCCACGCCCTGGAAGCTG
 GATTTCACTCTGGGCTGGAATCATCCAGGCTTTGCTGGAAGCACGGGGGTGCCATTCGCCGAGAATGA
 GGCTAATGCCATGGATGTGGTGGTCCAGTTTGCATCCACCGCTAGGCTTCCAGCCCCAGGACATCATC
 ATCTACGCCTGGTCCATCGCGGCTTCACTGCCACGTGGGCAGCCATGCTCCTACCCAGATGTTAGTGCCA
 TTGCTGGATGCCTCCTTTGATGACCTGGTGGCCTTGGCCTTGAAGGTGATGCCAGACGCTGGAGGGG
 CCTGGTGACCAGGACCGTGAGGCAGCATCTCAATCTAAACAACCGGAGCAGCTGTGCAGATACCGGGT
 CCTGTACTGCTGATCCGAGAACCAAGGATGAGATCATCACCACCAGGTTCTGAGGACATCATGTCCA
 ACCGAGGCAATGACCTCCTGCTGAAGCTCCTGCAGCATCGGTATCCCGGGTGTGGCAGAGGAGGGTCT
 TCGAGTGGTGAAGCAGTGGTGGAGGCCTCCTCACAGCTGGAGGAAGCCTCAATTTATAGCCGATGGGAG
 GTGGAAGAGGACTGGTGTCTGTCTGCTCCGCTCCTACCAGGCAGAACACGGGCCCGACTTCCCCTGGA
 GCGTGGGGGAGGACATGAGTGCAGATGGACGGCGCAGCTGGCTTTGTTTCTGGCTCGGAAGCATCTGCA
 CAACCTTTGAGGCCACTCACTGCACCCCACTCCAGCCAGAACTCCAGATGCCCTGGCACCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG205122 representing NM_021160
 Red=Cloning site Green=Tags(s)

MAKLLSCVLGPRLYKIYRERDSERAPASVPETPTAVTAPHSSSWDTYYQPRALEKHADSILALASVFWSI
 SYSSPFAFFYL YRKGYSLSKVVPF SHYAGTLLLLLAGVACL RIGRWTPQYRQFITILEATHRNQSS
 ENKRQLANYNDFRSWPVDFHWEPPSSRKE SRGSPRRGVALLRPELHRGTADLLNRVKKLPCQITSY
 LVAHTLGRMLYPGSVYLLQKALMPVLLQGQARLVEECNGRRAKLLACDGNEIDTMFVDRRGTAEPPGQK
 LVICCEGNAGFYEVGCVSTPLEAGYSVLGWNHPGFAGSTGVFPQNEANAMDVVVQFAIHLRFGFPQDII
 IYAWSIGGFTATWAAMSYPDVSAMILDASFDDL VPLALKVMPDSWRGLVTRTVRQHLNNAEQLCRYQG
 PVLLIRRTKDEIITTTVPEDIMSNRGNLLLLKLLQHRYPRVMAEEGLRVVRQWLEASSQLEEASIYSRWE
 VEEDWCLSVLRSYQAEHGPDPFWSVGEDMSADGRRQLALFLARKHLHNFEATHCTPLPAQNFQMPWHL

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

RefSeq: [NM_021160.3](#)

RefSeq Size: 2019 bp

RefSeq ORF: 1677 bp

Locus ID: 7920

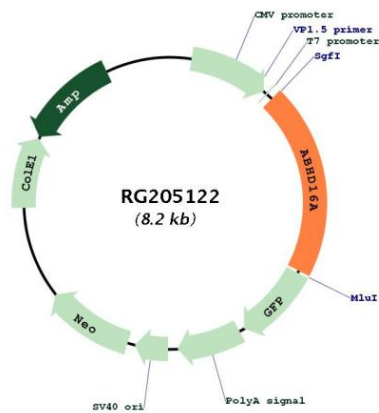
UniProt ID: [O95870](#)

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]

Product images:



Circular map for RG205122