

Product datasheet for **SC328868**

BAT5 (ABHD16A) (NM_001177515) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAT5 (ABHD16A) (NM_001177515) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABHD16A
Synonyms:	BAT5; D6S82E; hBAT5; NG26; PP199
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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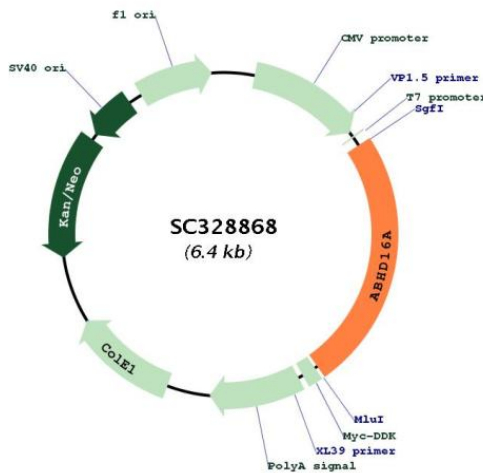
Fully Sequenced ORF: >SC328868 representing NM_001177515.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGCCTCCCCGGCTCTGTTTTATCTTCCCTTTACCCTCGCCTTGAATTCAGAATGACTTTTACAGA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001177515

Insert Size:	1578 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).
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:	<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_001177515.1</u>
RefSeq Size:	2146 bp
RefSeq ORF:	1578 bp
Locus ID:	7920
UniProt ID:	<u>O95870</u>
Cytogenetics:	6p21.33
Protein Families:	Transmembrane
MW:	59.4 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and has multiple coding region differences, compared to variant 1. These differences cause translation initiation at an alternate AUG and result in an isoform (b) with a shorter, distinct N-terminus, compared to isoform 1.</p>