OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC337439

BAHD1 (NM_001301132) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAHD1 (NM_001301132) Human Untagged Clone
Tag:	Tag Free
Symbol:	BAHD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF: >NCBI ORF sequence for NM_001301132, the custom clone sequence may differ by one or more nucleotides

ATGACACACACTCGGAGAAAGTCCCTTCCCATGCTGAGTTCGGGCCTCACTGGCCGCCGAGAGCCCCTGC
AGATGGAAGACAGCAACATGGAGCAGGGGGTTGAGGGTGTGGAGCCAGGCATGCCCGAGAGCCCAGGTCA
CCTCACAGGGCGCCGCAAGAATTACCCACTTCGTAAGCGCCCATTGGTTCCTGAGAAGCCCAAGGCCTGC
AAAGTGCTGCTGACTCGCCTGGAGAATGTGGCCGGTCCCCGGAGTGCAGATGAGGCTGATGAGCTACCGC
CTGACCTGCCCAAGCCCCCCAGCCCGGCCCCATCCAGTGAAGACCCTGGCCTTGCCCAGCCCCGCAAGCG
GCGCCTGGCCTCCCTCAATGCTGAAGCTCTCAATAACCTGCTGCTGGAGCGAGAGGACACCAGCAGCCTG
GCAGGCACCCGCCGCAGTCGAGCAGGGGATCCCCACCGCAGCCGTGACCGTGATCGTGCTACTGGGGGCT
GGTCCTCCTCCAAGAAGCGGCCCCGGCTGGGGGACCTTGGAGGAGGAAGTCGGGACCTGTCTCCAGAGCC
AGCACCCGATGAAGGTCCCCGCCGAGATGGAGACCCAGCTCCCAAGAGACTGGCTAGCCTGAACGCAGCT
GCTTTCCTAAAACTGAGCCAGGAGCGGGAGCTACCCCTGCGGCTGCCTCGTGCCCATGCAGAAGTAGATG
GGCGCTCCACTGAGCCCCCAGCACCCAAGGCCCCGAGGCCAAAGTGGCCCAAGGTCAATGGCAAGAACTA
TCCCAAGGCTTGGCAGGGGGCCAGCTCTGGGGAGGCTGCAGGCCCACCTGGCTGGCAAGGCTGCCCTGAT
GAACCATGGCCATCTGCAACTCCTTGTGGGCCATCCGTCCAGCCATCTCATCAGCCCCTGAGCAAGGCTC
TGGAGAGCCCTTTGGGGCTGCGCCCTCACCTGCCCCTGCTGATGGGTGGACAGGCGGCTCTGAAGCCGGA
GCCTGGGCGCCCAGGCGAGGAGTCACCTGCCCCTAAGCAGGAACTGCATCAGCCCTCTTTCCCCACACCT
CAGCTGTCGCCGCTGCCGATGCCTGGCAACCCCGCCGACTACAATGGCCTGTGTGTTGGGCCTGAGCTCA
CTGCACTAGGCAGCTTCTACCTGTACTGTGGCCAAGAGGGGCTGCAGTGTGGGGGCTACTCGCCCTGCCC
CATGCTTCCTGAGGGCAAGCTGTCCCCAGTGGCTGCACCTCACGAGGAGGGGCTCCTCTTAGCTCCGAGC
TCAGTGCCCTCAGGCACCCCTTTCCAGCACCCTCCCTGGGGCTCCTCTCGCTACTGCTCTAGCGAGGACA
CTGGAGTGAATGGCTACAGCATCTGCGGAGTGTTGCCCCTGTCTGTTACCCACGCTGGCACTACCTGTGG
CGGCTGCCCATACAAAATGCCTTTTGCAGCAGGCTGCAGATCCCTGGGCCAGTTGGAATTTCCTCTCCCG
GAAGCTGGCCACCCAGCCTCACCCGCCCACCCACTCCTGGGGTGCCCTGTACCCAGTGTGCCACCTGCAG
CAGAGCCCGTCCCCCATCTTCAGACACCCACCTCGGAGCCCCAGACAGTAGCCCGTGCGTGCCCTCAGAG
CGCCAAACCTCCCAGCGGTTCTAAGTCAGGTCTGCGCACAGGCTCCAGCTGCAGGCACACTGCAAGGAGC
AAGGCTGCCCGCAGGCCTAGCCACCCCAAGCAGCCACGTGTCCAGCGCCCACGCCCTCGCCGCCGCCGTC
GCCGCCGCACTAATGGCTGGGTACCTGTTGGGGCTGCGTGTGAGAAGGCTGTGTATGTCTTGGATGAGCC
GGAGCCAGCCATCCGAAAGAGCTACCAGGCGGTAGAGCGGCATGGGGAGACAATCCGAGTCCGGGACACC
GTCCTTCTCAAATCAGGCCCACGAAAGACCTCCACACCTTATGTGGCCAAGATCTCTGCCCTCTGGGAGA
ACCCCGAGTCAGGAGAGCTGATGATGAGCCTCCTGTGGTATTACAGACCTGAGCACTTACAGGGAGGCCG
CAGTCCCAGCATGCACGAGCCCTTGCAGAATGAAGTGTTTGCATCGCGACATCAGGACCAGAACAGTGTG
GCCTGCATTGAGGAGAAGTGCTATGTGCTGACTTTTGCCGAGTACTGCAGGTTCTGTGCCATGGCCAAGC
GCCGAGGTGAAGGCCTCCCCAGCCGAAAGACAGCACTGGTTCCCCCCTCTGCAGACTATTCCACCCCACC
CCACCGCACAGTGCCAGAGGACACGGACCCTGAGCTGGTGTTCCTTTGCCGCCATGTCTATGACTTCCGC
CACGGGCGCATCCTTAAGAACCCCCAGTAG

Restriction Sites: SgfI-MluI

ACCN: NM_001301132

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:	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_001301132.1, NP_001288061.1
RefSeq Size:	4729 bp
RefSeq ORF:	2340 bp
Locus ID:	22893
UniProt ID:	Q8TBE0
Cytogenetics:	15q15.1
Gene Summary:	Heterochromatin protein that acts as a transcription repressor and has the ability to promote the formation of large heterochromatic domains. May act by recruiting heterochromatin proteins such as CBX5 (HP1 alpha), HDAC5 and MBD1. Represses IGF2 expression by binding to its CpG-rich P3 promoter and recruiting heterochromatin proteins. At specific stages of Listeria infection, in complex with TRIM28, corepresses interferon-stimulated genes, including IFNL1, IFNL2 and IFNL3.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate in-frame splice site in the central coding region, compared to variant 1, resulting in an isoform (b) that is 1 aa shorter than isoform a.