

## Product datasheet for **SC126359**

### BAHD1 (NM\_014952) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BAHD1 (NM\_014952) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** BAHD1  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Cell Selection:** None  
**Fully Sequenced ORF:** >OriGene sequence for NM\_014952 edited

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CAGCCCGCCGGGCGCTGCGGGCGCCAGAGCCGCGCCGTCGCGCCGCCGTTCTGGTT
GGAAGTACTCCATGACACACACTCGGAGAAAGTCCCTTCCCATGCTGAGTTCGGGCTCA
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AACTGCAAGGAGCAAGGCTGCCCGCAGGCCTAGCCACCCCAAGCAGCCACGTGTCCAGC  
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 GTTGATCCTGGTTTCCAGATCTGTATTTCAAGTGTTTACAAGGGAGGAAGGACCTTCTCT  
 CACCTCCCTTTTACAGAGATTAGAAGTACTTCTTTAAGAAAAAATAAATTTGAGAAAT  
 TGTATTGATTTAGAAAAAAAAAAAAAAAAA

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_014952 unedited AGGTTCGGATTTTGTACATACGACNACTATAGGCGGCCGCGTAATCCCGGGATATCGTCC ACCCACGCGTCCGCCACGCGTCCGACGCCCGGCCGGGGCTGCGGGCGCCAGAGCCGC GCCGTCCGCGCCGCCGTTCTGGTTGGAAGTACTCCATGACACACTCGGAGAAAGTCC CTTCCATGCTGAGTTCGGGCCTCACTGGCCGCCGAGAGCCCCTGCAGATGGAAGACAGC AACATGGAGCAGGGGTTGAGGGTGTGGAGCCAGGCATGCCGAGAGCCCAGTCACTC ACAGGGCGCCGAAGAATTACCCACTTCGTAAGCGCCATTGGTTCCTGAGAAGCCCAAG GCCTGCAAAGTGCTGCTGACTCGCCTGGAGAATGTGGCCGGTCCCGGAGTGCAGATGAG GCTGATGAGCTACCGCCTGACCTGCCAAGCCCCAGCCCGGCCCATCCAGTGAAGAC CCTGGCCTTGCCAGCCCCGCAAGCGGCGCCTGGCCTCCCTCAATGCTGAAGCTCTCAAT AACCTGCTGCTGGAGCGAGAGGACACCAGCAGCCTGGCAGGCACCCGCCGAGTCGAGCA GGGGATCCCCACCGCAGCCGTGACCGTGATCGTCTACTGGGGGCTGGTCTCTCCAAG AAGCGCCCCGGCTGGGGACCTTGGAGGAGGAAGTCGGCACCTGTCTCCAGAGCCAGCA CCCGATGAAGTCCCGCCGAGATGGAGACCCAGCTCCAAGAGACTGGTAGCCTGAAC GCAGCTGCTTTCTAAACTGAGCCAGGAGCGGGAGCTACCCCTGCNGCTGGCTCGTGCC CATGCAGAAGTAGATGGGCGCCTCACTGAGCCCCAGCACCCAGGCCCCGAGCCCAAAG TGCCCCAAGTTCATGGCAGAAGTATTCCAAGGCTG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014952
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_014952.2</a> , <a href="#">NP_055767.2</a>
<b>RefSeq Size:</b>	4529 bp
<b>RefSeq ORF:</b>	2343 bp
<b>Locus ID:</b>	22893
<b>UniProt ID:</b>	<a href="#">Q8TBE0</a>
<b>Cytogenetics:</b>	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 (1) encodes the longer isoform (a).