

Product datasheet for **SC111989**

BAALC (NM_024812) Human Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | BAALC (NM_024812) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | BAALC |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC111989 sequence for NM_024812 edited (data generated by NextGen Sequencing) |

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ATGGGCTGCGGTGGGAGCCGGGCGGATGCCATCGAGCCCCGCTACTACGAGAGCTGGACC  
CGGGAGACAGAATCCACCTGGCTCACCTACACCGACTCGGACGCGCCGCCAGCGCCGCC  
GCCCCGGACAGCGGCCCGAAGCGGGCGGCCTGCACTCGGGCATGCTGGAAGATGGACTG  
CCCTCCAATGGTGTGCCCGATCTACAGCCCCAGGTGGAATACCCAACCCAGAGAAGAAG  
ACGAACTGTGAGACCCAGTGCCCAAATCCCCAGAGCCTCAGCTCAGGCCCTCTGACCCAG  
AAACAGAATGGCCTTCAGACCACAGAGGCTAAAAGAGATGCTAAGAGAATGCCTGCAAAA  
GAAGTCACCATTAATGTAACAGATAGCATCCAACAGATGGACAGAAGTCGAAGAATCACA  
AAGAACTGTGTCAACTAG
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Clone variation with respect to NM_024812.2
12 c=>t



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_024812 unedited</p> <pre>TGTAATACGACTCACTATAGGGGCGGCCGAATTCGCACGAGGCCAGAGCCGACAGCCG AGCAGCCGCTGGGCGCTCCCGCGCGCAGGAGGATGGGCTGCGGTGGGAGCCGGGCGGAT GCCATCGAGCCCCGCTACTACGAGAGCTGGACCCGGGAGACAGAATCCACCTGGCTCACC TACACCGACTCGGACGCGCCGCCAGCGCCGCCCGGACAGCGGCCCGAAGCGGGC GGCCTGCACTCGGGCATGCTGGAAGATGGACTGCCCTCCAATGGTGTGCCCGATCTACA GCCCCAGGTGGAATACCCAACCCAGAGAAGAAGACGAAGTGTGAGACCCAGTGCCCAAAT CCCCAGAGCCTCAGCTCAGGCCCTCTGACCCAGAAACAGAATGGCCTTCAGACCACAGAG GCTAAAAGAGATGCTAAGAGAATGCCTGCAAAAAGAAGTACCATTAATGTAACAGATAGC ATCCAACAGATGGACAGAAGTCGAAGAATCACAAAGAACTGTGTCAACTAGCAGAGAGTC CAAGCAGAAGGGCAGATGGACTTCTTCAGTGTCTTCACGGCACTGGATCCCATCAAAGA ACCTTGAAGAAGTGGCTGCCCTTGCTGGACCTGAATTCTACTGAGTCCCTGGCAAGACT GTCTTACCTGGCAGCAACTGCTGCCTGATTTGTTGGGACCTTCTGAGCCTTCTACTTAT CATGTANATGTATTGGCACAGTGTACATATGTTAATAAACTGGCAATGTGCAGTTCAG TTTGTCTCTTTGCAACTCTGTATACGGTCTGGTGTANAAGTATGAGTTAAGCTACAGGTC AGTTATGAACAGAAAGTAGGATGCATTTCTGGGAAGAATACCCTTAGGCTTACTCTC TGCCATGAAGGGNATCTGGTCAGCAGCTATTCTTCCTTCTCATTTAAATGCATACACCTA C</pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_024812 unedited</p> <pre>TAGAGTCGAGTTTTTTTTTTTTTTTTTCTGCTAAACATGGAATTTATTGATATAGTTTG GCACAACCTTAGTCTATCTTTCCCAATCCCAGGCATGTTAACAATCCTTGAAAAATCAT GCTACATTACTTTGGAGGAAAAACTTCCAGATGAACATGTTTCAAGACATACTAGAAAA TTATTCCCTATCAAACATCCTTTTTTCTGTGTGCTCAGCTACCTCATTCTAATGCAGTGCACA TCAATCTAATGTGATGAATACACATCAACCAGGTGCTGGCTTCTAAAGTGATTCTCT TTGCAGATGCCAAAATGACAGTCTGGGGCAGTGTACAGAGAGGCCAAGGGGAAGCCATG CCTGCTGCCACATGTCTCTGGATCATCTCCCTCTCCTACGCAGTGTCAATCTTTGATTA ACAATTGCAAGTGACCCCGATAGAGAGGGAAGACAGTCAAGAAGACAAGCAAAGGGAAGT GGAAAGCTATGCAAAATGCAATGTCTAGCTGAGCCCTGAGGGGTATCCTTATTTGGATG CATTGGCCACAAGCATGGTGACATTAAGGACTGGAGGCCAACATGGACACTGGAATANGA GGACTTTCCAGGCAGATGAGGAGCAGGTATGACTGCTTACAGACACCTNCCAAAGACAT GCCATGGGCAGTGGGTTGGTGCATGGGAACTGGATCCGATCTGTCTCATACCCAGCTAN GGGAACAAGGGATACAGGAGTTTTCTGTCCCTTGATTTTTCCATATGTGGGGTTANNAG TGGATGAAAGCCAGCTTTTGGTGAACCTGGGTAGATTNGTATGACCATTTTTAAATGAAA GAGGGAGGAATAGCTGGCTGAACAGATACACTATCTGGGCAGGAAAGTTAGCCTAGGGG GGACTCTTACCNAAATGCCTCCTACTTTCTGTTATAACTGACTGAGCTTTATCCTACT TACACCNACGTTTCAGAGTGCAAGACAAGTACTGACTGCATTGCGGTATAACTGTAAGT</pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_024812 |
| Insert Size: | 1860 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). |
| 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_024812.2](#), [NP_079088.1](#)

RefSeq Size: 2859 bp

RefSeq ORF: 438 bp

Locus ID: 79870

UniProt ID: [Q8WXS3](#)

Cytogenetics: 8q22.3

Gene Summary: This gene was identified by gene expression studies in patients with acute myeloid leukemia (AML). The gene is conserved among mammals and is not found in lower organisms. Tissues that express this gene develop from the neuroectoderm. Multiple alternatively spliced transcript variants that encode different proteins have been described for this gene; however, some of the transcript variants are found only in AML cell lines. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).