

## Product datasheet for **SC308861**

### Baf180 (PBRM1) (NM\_018313) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Baf180 (PBRM1) (NM_018313) Human Untagged Clone
Tag:	Tag Free
Symbol:	Baf180
Synonyms:	BAF180; PB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308861 representing NM_018313. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTTCCAAGAGAAGAAGAGCTACCTCCCCTCCAGCAGTGTGTCAGCGGGGACTTTGATGATGGGCAC
CATTCTGTGTCAACACCAGGCCAAGCAGGAAAAGGAGGAGACTTTCCAATCTTCCAAGTGTAGATCCT
ATTGCCGTGTGCCATGAAGTCTATAATACCATCCGAGACTATAAGGATGAACAGGGCAGACTTCTCTGT
GAGCTCTTATTAGGGCACCAAGCGAAGAAATCAACCAGACTATTATGAAGTGGTTTCTCAGCCATT
GACTTGATGAAAATCCAACAGAACTAAAAATGGAAGAGTATGATGATGTTAATTTGCTGACTGCTGAC
TTCCAGCTTCTTTTAAACAATGCAAAGTCTATTATAAGCCAGATTCTCCTGAATATAAAGCCGCTTGC
AAACTCTGGGATTTGTACCTTCGAACAAGAAATGAGTTTGTTCAGAAAGGAGAAGCAGATGACGAAGAT
GATGATGAAGATGGGCAAGACAATCAGGGCACAGTACTGAAGGATCTTCTCCAGCTTACTTGAAGGAG
ATCCTGGAGCAGCTTCTTGAAGCCATAGTTGTAGCTACAAATCCATCAGGACGTCTCATTAGCGAAGCTT
TTTCAGAAACTGCCTTCTAAAGTGAATATCCAGATTATTATGCAATAATTAAGGAGCCTATAGATCTC
AAGACCATTGCCAGAGGATACAGAATGGAAGCTACAAAAGTATTCATGCAATGGCCAAAGATATAGAT
CTCCTCGAAAAAATGCCAAAATTATAATGAGCCTGGCTCTCAAGTATCAAGGATGCAAAATCAATT
AAAAAATATTTTATATGAAAAAGGCTGAAATTTGAACATCATGAAATGGTAAGTCAAGTCTTCGAATG
AGGACTCCATCCAAGTGGCTGCAGCCAGACTGACAGGTCCTTACACAGTAAAGGCAGCCTTGGTGAA
GAGAGAAATCCCCTAGCAAGTATTACCGTAATAAAGAGCAGTACAAGGAGGTCGTTTATCAGCAATT
ACAATGGCACTTCAATATGGCTCAGAAAGTGAAGAAGATGCTGCTTTAGCTGCTGCACGCTATGAAGAG
GGAGAGTCAGAAGCAGAAAGCATCACTTCTTTTATGGATGTTTCAAATCCTTTTTATCAGCTTTATGAC
ACAGTTAGGAGTTGTCGGAATAACCAAGGGCAGCTAATAGCTGAACCTTTTTACCATTTGCCTTCAAAG
AAAAAATACCCTGATTATTACCAGCAAATTAATGCCCCATATCACTACAACAGATCCGAACAAAAGCTG
AAGAATCAAGAATATGAACTTTAGATCATTTGGAGTGTGATCTGAATTTAATGTTTGAAAATGCCAAA
CGCTATAATGTGCCAAATTCAGCCATCTACAAGCGAGTTCTAAAATTGCAGCAAGTTATGCAGGCAAAG
AAGAAAGAGCTTGCCAGGAGAGACGATATCGAGGACGGAGACAGCATGATCTTTCAGCCACCTCTGAT
```



[View online >](#)

ACTGGTAGTGCCAAAAGAAAAAGTAAAAAGAACATAAGAAAGCAGCGAATGAAAATCTTATTCAATGTT  
 GTTCTTGAAGCTCGAGAGCCAGGTTTCAGGCAGAAGACTTTGTGACCTATTTATGGTTAAACCATCCAAA  
 AAGGACTATCCTGATTATTATAAAATCATCTTGGAGCCAATGGACTTGAAAATAATTGAGCATAACATC  
 CGCAATGACAAATATGCTGGTGAAGAGGGGAATGATAGAAGACATGAAGCTGATGTTCCGGAATGCCAGG  
 CACTATAATGAGGAGGGCTCCCAGGTTTATAATGATGCACATATCCTGGAGAAGTTACTCAAGGAGAAA  
 AGGAAAGAGCTGGGCCACTGCCTGATGATGATGACATGGCTTCTCCAAAACCAAGCTGAGTAGGAAG  
 AGTGGCATTCTCTCTAAAAAATCAAAATACATGACTCCAATGCAGCAGAAAACATAATGAGGCTATGAA  
 GCTGTAAAGAACATACTGATAAGAGGGGTCGCCGCCTCAGTGCCATATTTCTGAGGCTTCCCTCTAGA  
 TCTGAGTTGCCTGACTACTATCTGACTATTAAGAGCCCATGGACATGGAAAAAATTCGAAGTCACATG  
 ATGGCCAAACAAGTACCAAGATATTGACTCTATGGTTGAGGACTTTGTCATGATGTTAATAATGCCTGT  
 ACATACAATGAGCCGGAGTCTTTGATCTACAAAGATGCTCTTGTCTACACAAAGCTCCTGCTGAAACA  
 CGCAGAGACCTGGAGGGAGATGAGGACTCTCATGTCCAAATGTGACTTTGCTGATTCAAGAGCTTATC  
 CACAATCTTTTTGTGTCAGTCATGAGTCATCAGGATGATGAGGGAAGATGCTACAGCGATTCTTTAGCA  
 GAAATTCCTGCTGTGGATCCCACTTCTCTAACAAACCACCCCTTACATTTGACATAATTAGGAAGAT  
 GTTGAAAATAATCGCTACCGTCGGCTTGATTTATTCAAGAGCATATGTTTGAAGTATTGGAACGAGCA  
 AGAAGGATGAATCGGACAGATTCAGAAAATATGAAGATGCAGTGAAGCTTCAGCAGTTTTTTATTTAAA  
 ATTCGTGATGAACCTCTGCAAAAATGGAGAGATTCTTCTTCCACCGGCACTCAGCTATACCACAAAACAT  
 TTGCATAATGATGTGGAGAAAAGAGAAAAGGAAAAATTGCCAAAAGAAAATAGAGGAAGATAAACTAAAA  
 CGAGAAGAAGAAAAAGAGAAGCTGAAAAGAGTGAAGATTCCTCTGGTGCAGGCCTCTCAGGCTTA  
 CATCGCACATACAGCCAGGACTGTAGCTTTAAAAACAGCATGTACCATGTTGGAGATTACGTCTATGTG  
 GAACCTGCAGAGGCCAACCTACAACCACATATCGTCTGTATTGAAAGACTGTGGGAGGATTACAGTGAA  
 AAAGAAGTTTTAAGAGTGAATTTAAGTTATGCCAGAAAACCTCCGAGATGAGGATGTTTTGTCTGTGAA  
 ATGTTTTCAAGGAATACTTTAAGTTATGCCAGAAAACCTCCGAGATGAGGATGTTTTGTCTGTGAA  
 TCACGGTATTCTGCCAAAACCAAACTTTTTAAGAAAATTAAGTGTGGACCATGCCCATCAGCTCAGTC  
 AGGTTTGTCCCTCGGATGTGCCTCTGCCTGTGGTTTCGCGTGGCCTCTGTATTTGCAAAATGCAGATAAA  
 GGTGATGATGAGAAGAATACAGACAACCTCAGAGGACAGTCGAGCTGAAGACAATTTAACTTGAAAAAG  
 GAAAAAGAAGATGTCCCTGTGGAATGTCCAATGGTGAACCAGGTTGCCACTACTTTGAGCAGCTCCAT  
 TACAATGACATGTGGCTGAAGGTTGGGACTGTGTCTTCATCAAGTCCCATGGCCTGGTGCCTCCTCGT  
 GTGGGCAGAAATGAAAAAGTATGGGTTTCGAGATGGAGCTGCATATTTTTATGGCCCCATCTTCATTAC  
 CCAGAAGAACAGAGCATGAGCCACAAAAATGTTCTACAAAAAAGAAGTATTTCTGAGTAACTCTGGAA  
 GAAACCTGCCCATGACATGTATTCTCGAAAGTGTGCTGTGTTGTCATTCAAGGACTTCTCTCCTGC  
 AGGCCAATGAAATACCAGAAAATGACATTTCTGCTTTGTGAGAGCCGCTACAATGAGAGCGACAAGCAG  
 ATGAAGAAATTCAAAGGATTGAAGAGGTTTTCACTCTCTGCTAAAAGTGGTAGATGAAATTTACTAC  
 TTCAGAAAACCAATTGTTCTCAGAAGGAGCCATCACCTTTGCTGAAAAAGAAGATCCAGTTGCTAGAA  
 GCTAAATTTGCCGAGTTAGAAGTGGAGATGATGATATTGAAGAGATGGGAGAAGAAGATAGTGAGTCT  
 ACCCCAAAGTCTGCCAAAGGCAGTGCAAAGAAGGAAGGCTCCAAACGGAAAAATCAACATGAGTGGCTAC  
 ATCCTGTTTCAGCAGTGAGATGAGGGCTGTGATTAAGGCCAACACCCAGACTACTTTTCGGGGAGCTC  
 AGCCGCTGGTGGGACAGAATGGAGAAATCTTGAGACAGCCAAGAAAGCAGAATATGAAGGCATGATG  
 GGTGGCTATCCGCCAGGCTTCCACCTTTGCAGGGCCAGTTGATGGCCTTGTAGCATGGGCAGCATG  
 CAGCCACTTACCCCTGGGGGCCCTCCACCCACCATCTTCCGCCAGGTGTGCCTGGCCTCCCGGCATC  
 CCACCACCGGTGTGATGAACCAAGGAGTGGCCCTATGGTAGGGACTCCAGCACCAGGTGGAAGTCCA  
 TATGGACAACAGGTGGGAGTTTTGGGCCTCCAGGGCAGCAGGCACCACCTCCATATCCCGGCCACAT  
 CCAGCTGGACCCCTGTCTACAGCAGCCAACAACACCCATGTTTGTAGCTCCCCACCAAAGACCCAG  
 CGGCTTCTTCACTCAGAGGCTACCTGAAATACATTGAAGGACTCAGTCCGGAGTCCAACAGCATTAGC  
 AAGTGGGATCAGACTGGCAGCTCGAAGACGCGACGTCCATTTGTGAAAGAACAGGAGAGCCGCTA  
 CCCTCTACTGGCTGAAAAGCAAAGGGGCCACACCACCATGGCAGATGCCCTCTGGCCTTTCGAGAT  
 TTGATGCTCCGGACACCCTCAACATTCGCCAAGCATAACAACCTAGAAAATGTTAA  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_018313

<b>Insert Size:</b>	4749 bp
<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>OTI Annotation:</b>	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.
<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_018313.4</a>
<b>RefSeq Size:</b>	7592 bp
<b>RefSeq ORF:</b>	4749 bp
<b>Locus ID:</b>	55193
<b>UniProt ID:</b>	<a href="#">Q86U86</a>
<b>Cytogenetics:</b>	3p21.1
<b>Domains:</b>	BAH
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	181.1 kDa
<b>Gene Summary:</b>	<p>This locus encodes a subunit of ATP-dependent chromatin-remodeling complexes. The encoded protein has been identified as in integral component of complexes necessary for ligand-dependent transcriptional activation by nuclear hormone receptors. Mutations at this locus have been associated with primary clear cell renal cell carcinoma. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (2) contains multiple differences in the coding region, compared to variant 5. It encodes isoform 2, which is shorter than isoform 5. Variants 2 and 4 encode isoforms that are of the same length, but have distinct protein sequences.</p>